

PROFESSIONALS IN CONSTRUCTION WOOD CUTTING MACHINES



www.cml-engineering.it

MADE IN ITALY



OUR EXPERIENCE
A PRECIOUS IN THE SERVICE OF TECHNOLOGY





ABOUT OUR
COMPANY

“We started in year 1960 but beside 50 years of activity, we like to consider us as a young company. Dynamism and enthusiasm are the key words that follow up daly our great wish to work, to be always ahead and proactive.”





OUR EXPERIENCE A PRECIOUS IN THE SERVICE OF TECHNOLOGY

OUR QUALITY:
A VALUABLE ASSET
TO YOUR SERVICE

The characteristics distinguishing our products are favourable operating cost, high productivity and long-term accuracy of these machines.

Proof of the above is to be found in more than 5.000 companies which have chosen our products.





PAST
PRESENT
FUTURE

Furthermore our techno-commercial organization ensures continuous and constant up-dating of our machines while it assures our customers of prompt technical service

Our production of automatic multi-rip saws is highly flexible as it offers some 30 different models.





MACHINES OF QUALITY
FOR PROCESSING QUALITY

Our experience put at the service of technology, place CML ENGINEERING Srl in the position of world leadership in the production of wood cutting machines and plants. Optimization systems with laser and / or with the scanner.



The characteristics that distinguish our products Made in Italy is in the care and control reaching the highest levels.

The result of long experience and great care given to detail, our production range extends in a diverse range that offers the possibility to choose the product solution for every need.



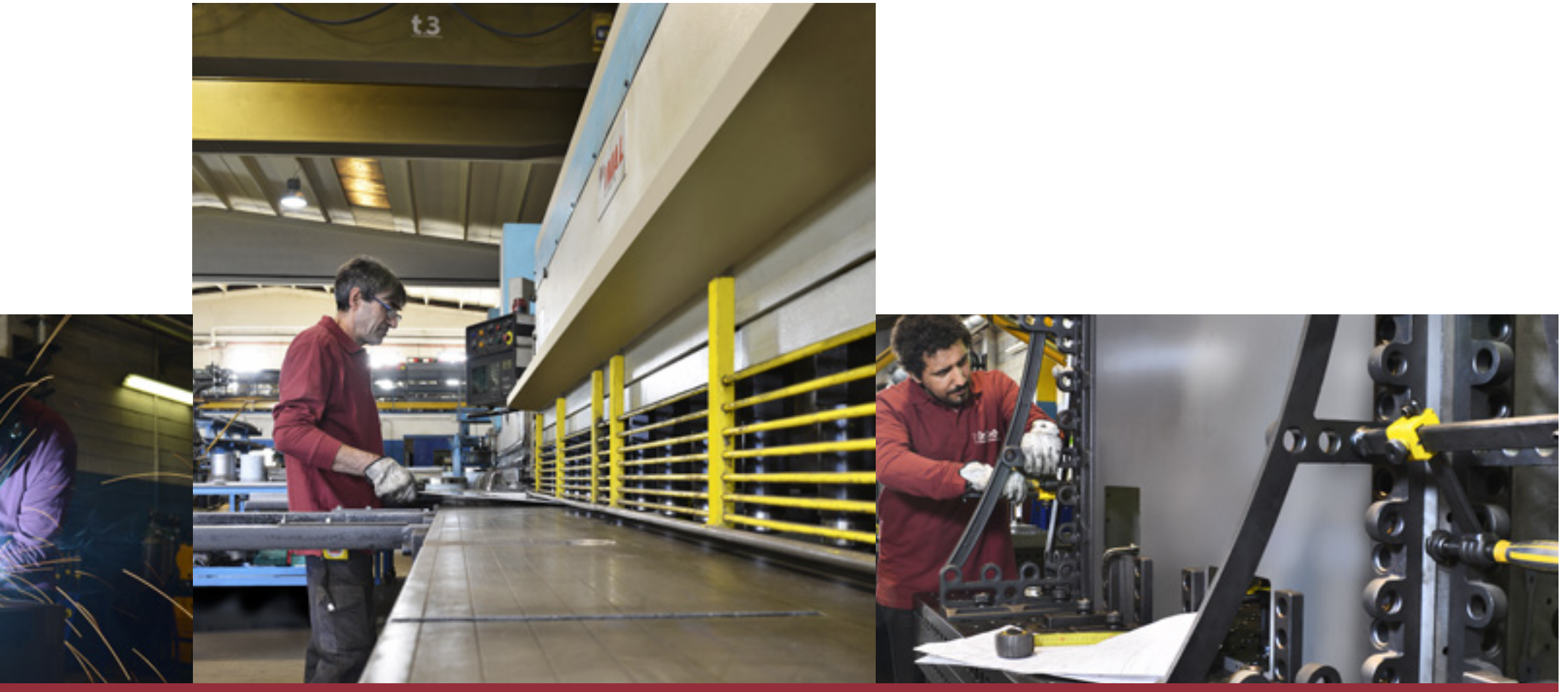
ABOUT OUR

METAL CARPENTRY

The strategic choice to internalize the carpentry is aimed to a quality control, flexibility and costs' control.

This allows CML to continue to innovate its own products starting from the structural part of our own machinery.





CARPENTRY

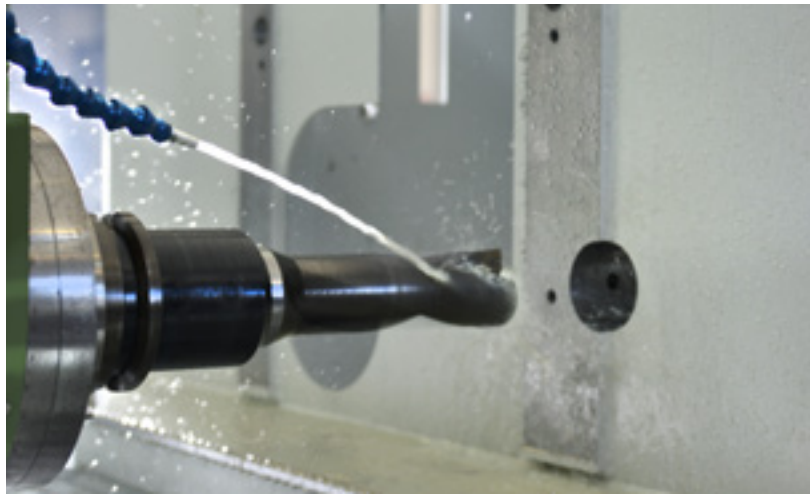
DEPARTMENT

ABOUT OUR

MECHANICAL WORKINGS

The choice to make the mechanical machining International allows a mechanical quality prototype processing check up. All this allows CML to promote new prototype products and increasing the existing machinery.





MECHANICAL DEPARTMENT

ABOUT OUR

ELECTRIC SYSTEMS

ELECTRICAL PLANT AND SOFTWARE

The internal production of electrical boxes and software development allows high quality levels to innovate prototype our own products.





ELECTRIC WIRE DEPARTMENT

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EDGER

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DOUBLE SPINDLE MULTI-RIP

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PLANTS FOR SOLID WOOD

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OPTIONALS

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MULTI-RIP

The result of long experience and great care given to detail, our production range extends in a range articulated that offers the possibility to choose the product solution for every need.

MULTI-RIP E

The product "E" entry level allows all customers to enter the world CML ENGINEERING SRL, giving them the opportunity to leverage our technologies even less powers dare models. This product range is equipped with the mechanical systems that distinguish the brand CML ENGINEERING.

MULTI-RIP J

The product "J" Junior allows the use of technologies already adopted on high-end products. Equipped of mechanical systems that distinguish the brand CML ENGINEERING.

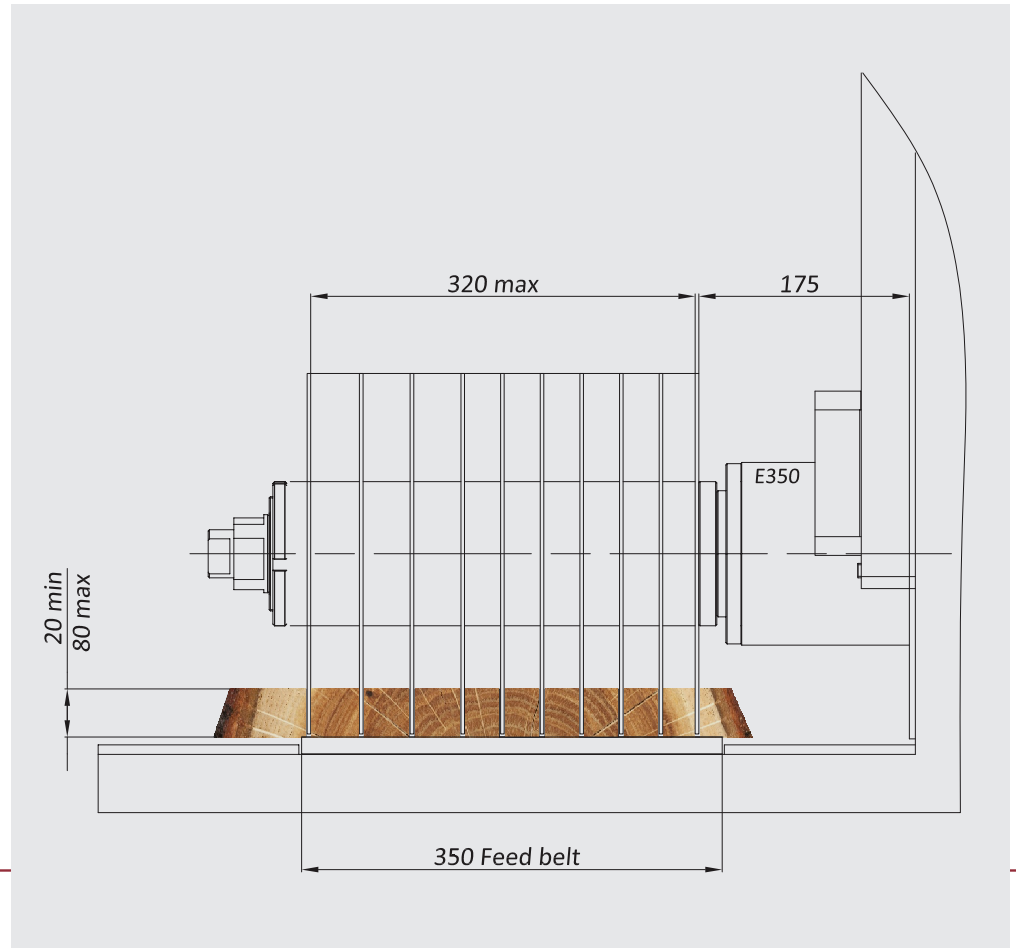
MULTI-RIP SCA

The product "SCA" is equipped with all the highest technology resulting from an experience of 60 years of activity and development, surrounded by the great care given to detail. It is the reference range of our development and technology..

E 350

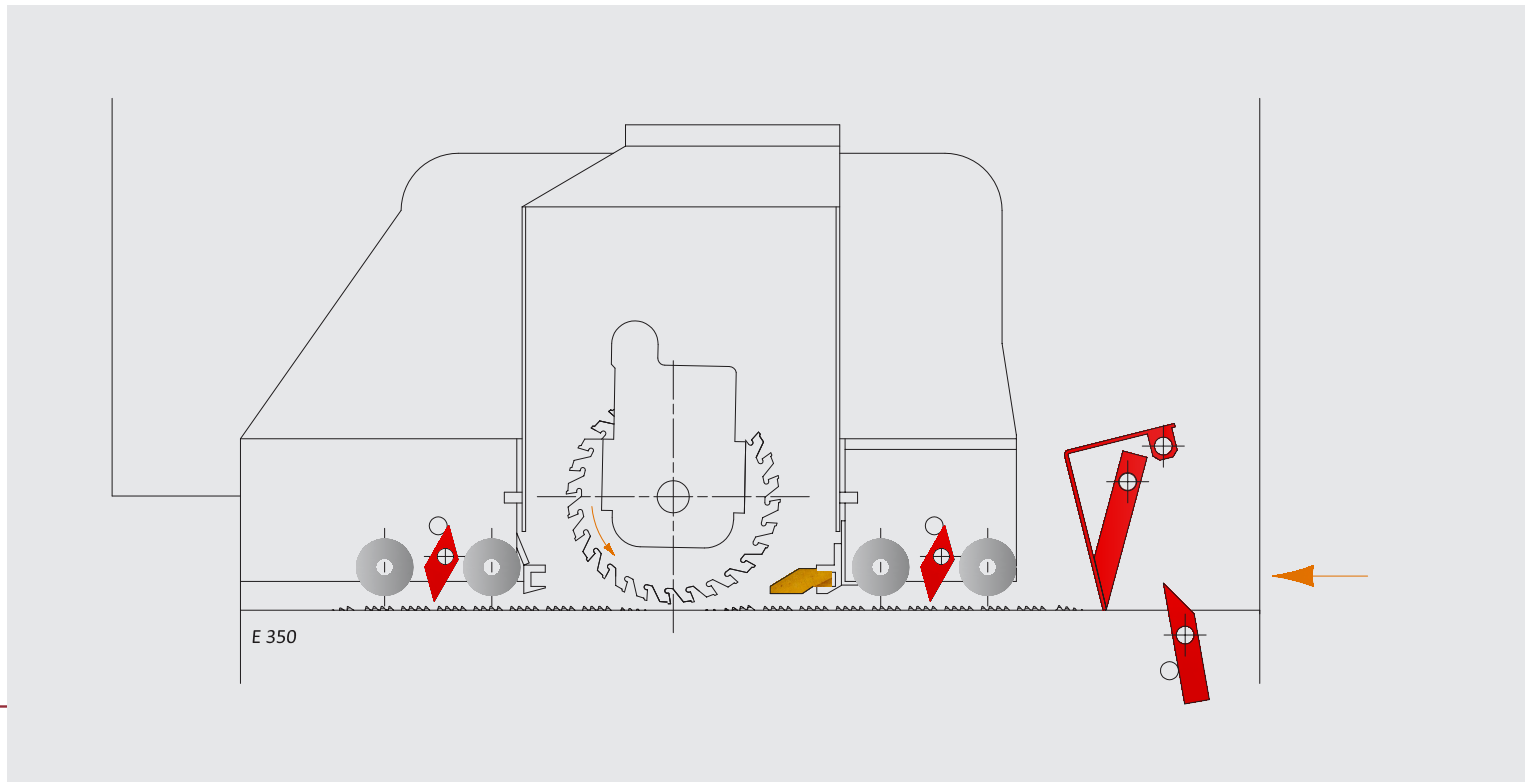


CUTTING DRAWING

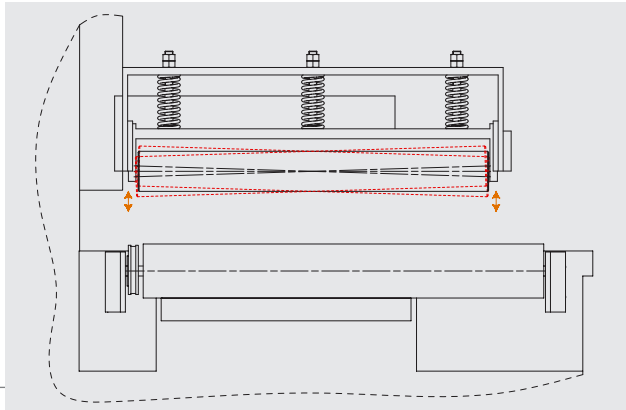


ANTI KICK BACK DRAWING

Top rollers group raised manually, with 4 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

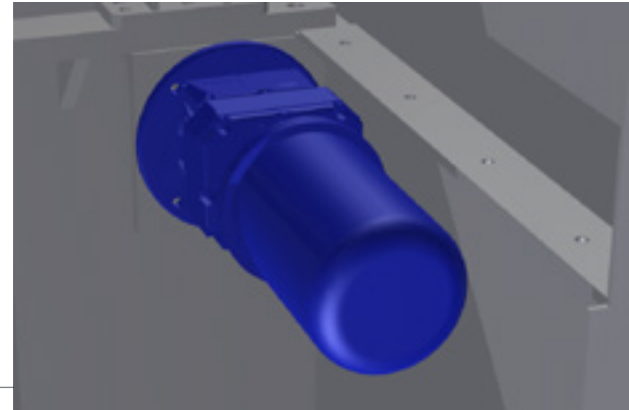


PRESSURE ROLLER



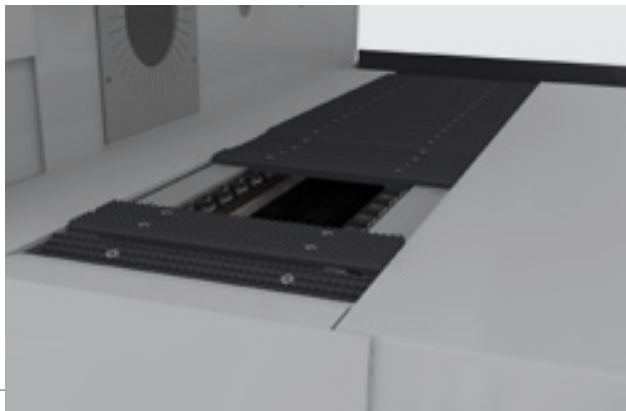
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

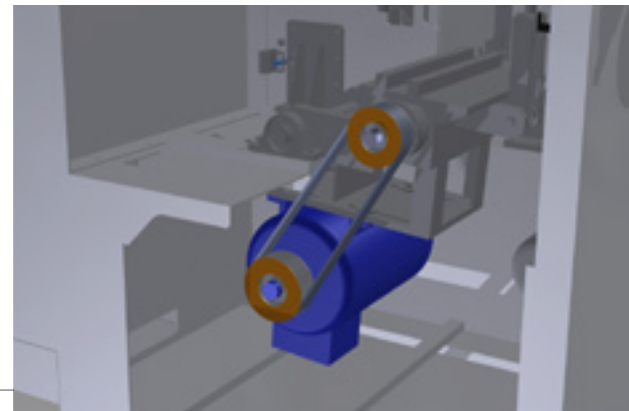
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The hand steel pads are fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

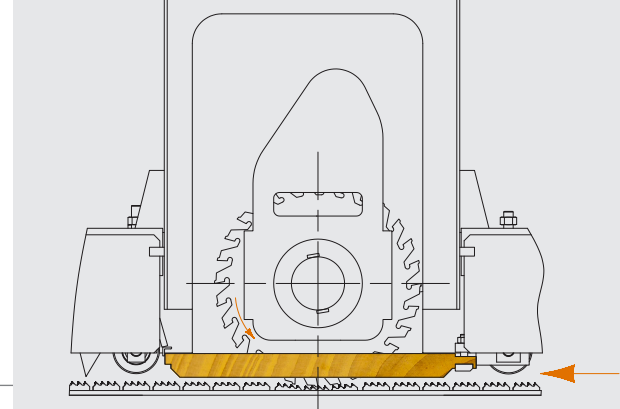
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



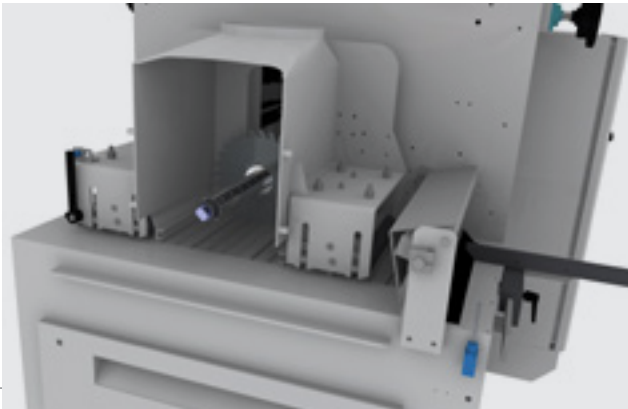
Machine lubrication is by a manual pump.

LONG PRESSURE SHOE



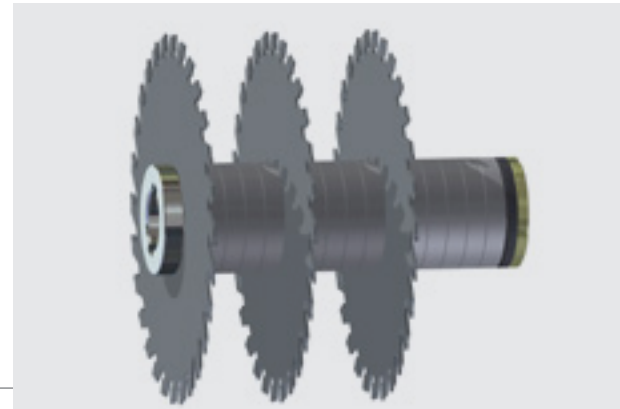
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

FIXED SLEEVE

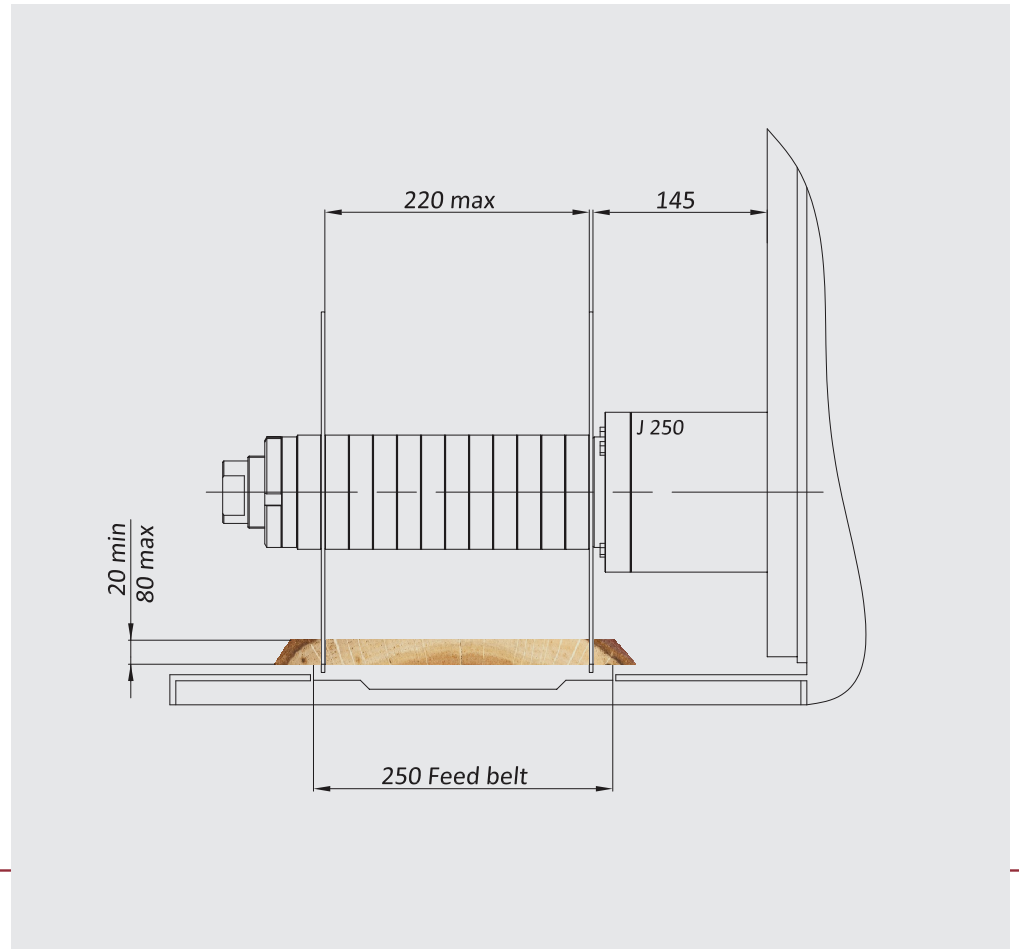


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

J 250

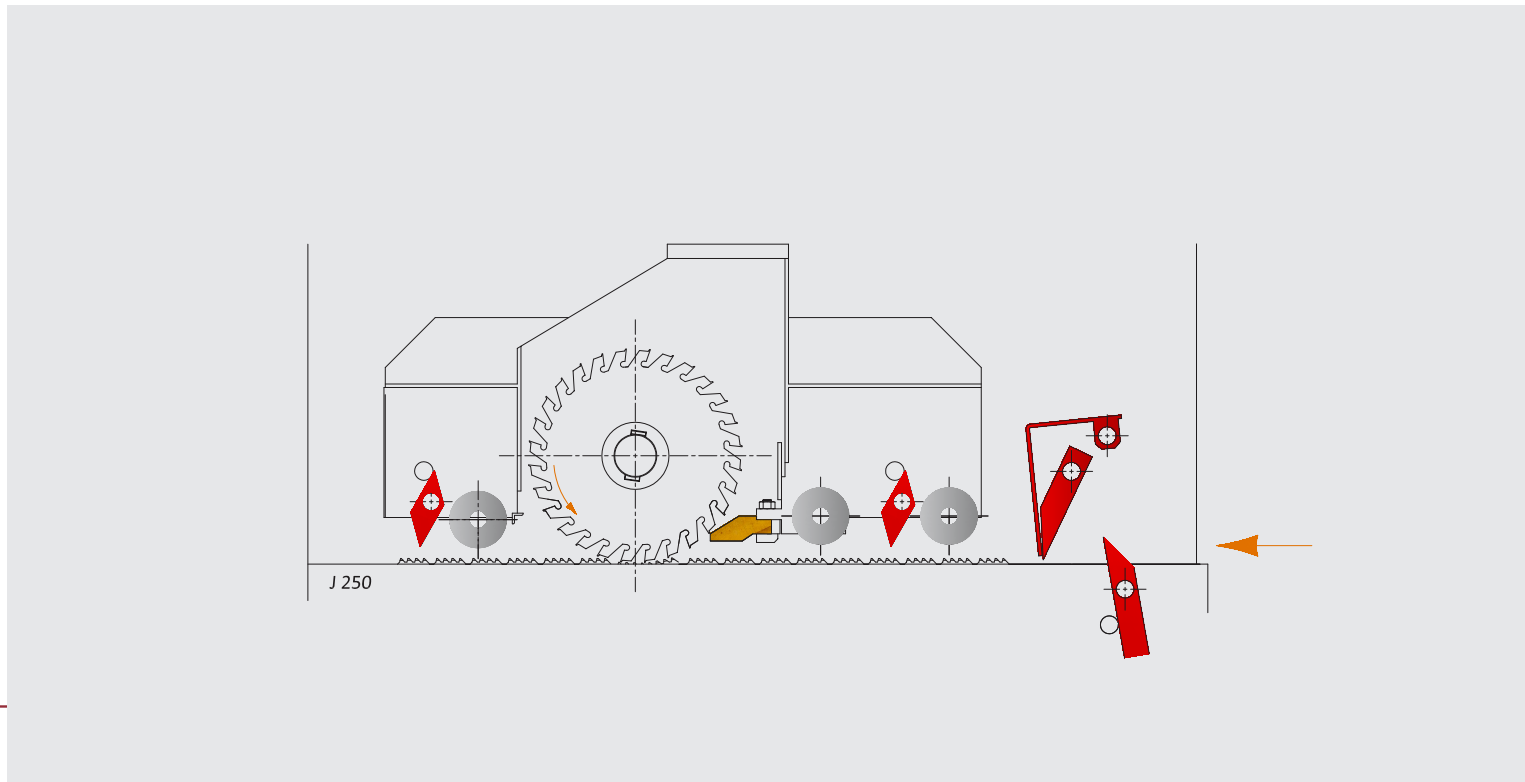


CUTTING DRAWING

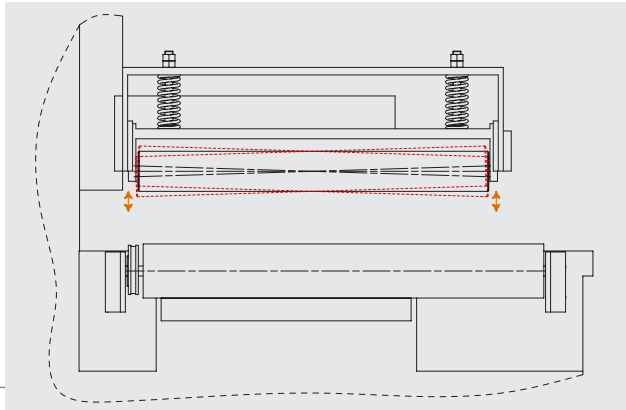


ANTI KICK BACK DRAWING

Top rollers group raised manually, with 3 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

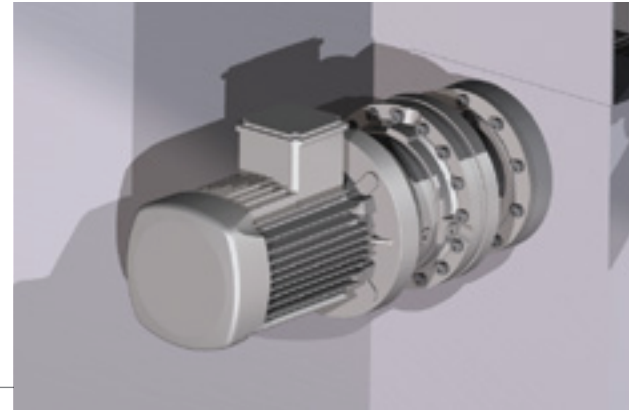


PRESSURE ROLLER



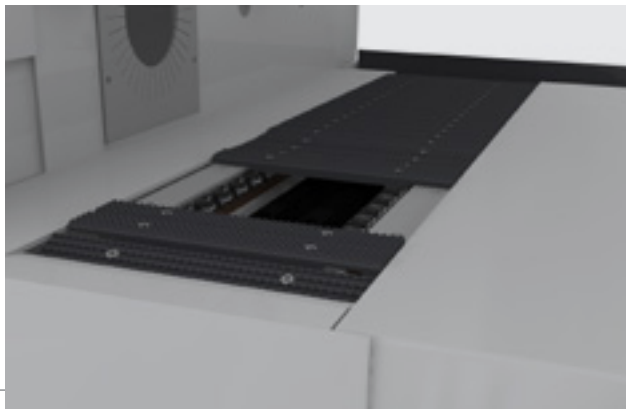
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

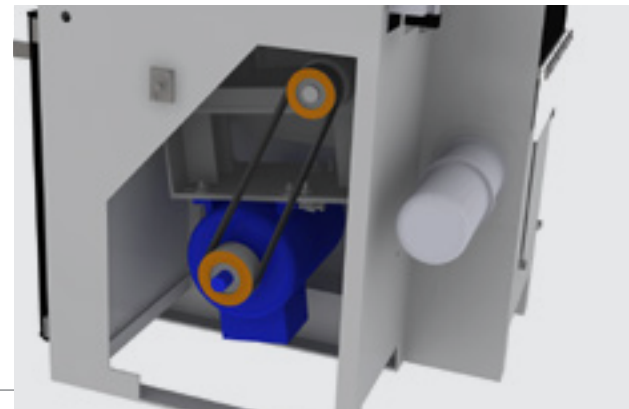
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

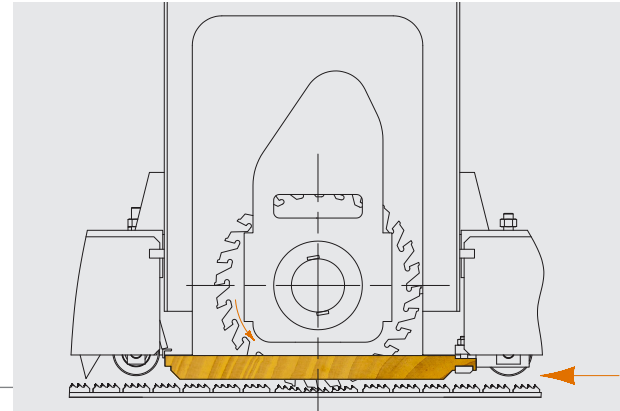
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



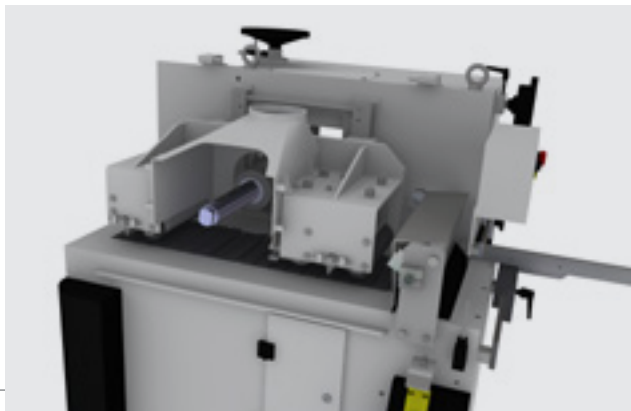
Machine lubrication is by a manual pump.

LONG PRESSURE SHOE



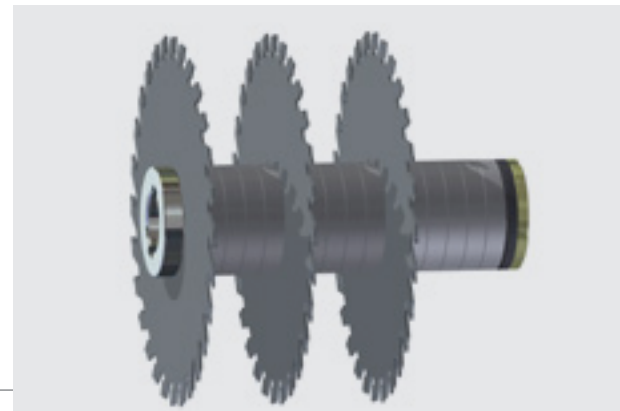
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



The surface treatment of the spindle ensures long working life.

FIXED SLEEVE

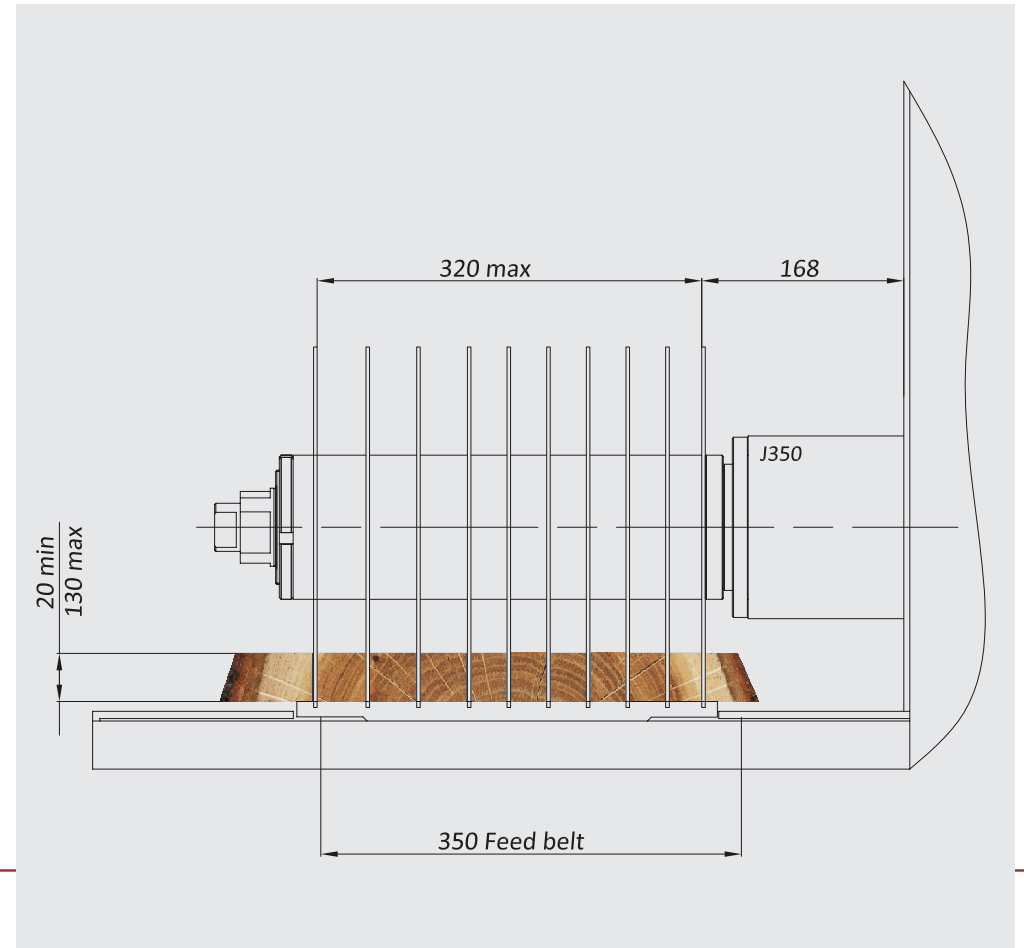


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

J 350

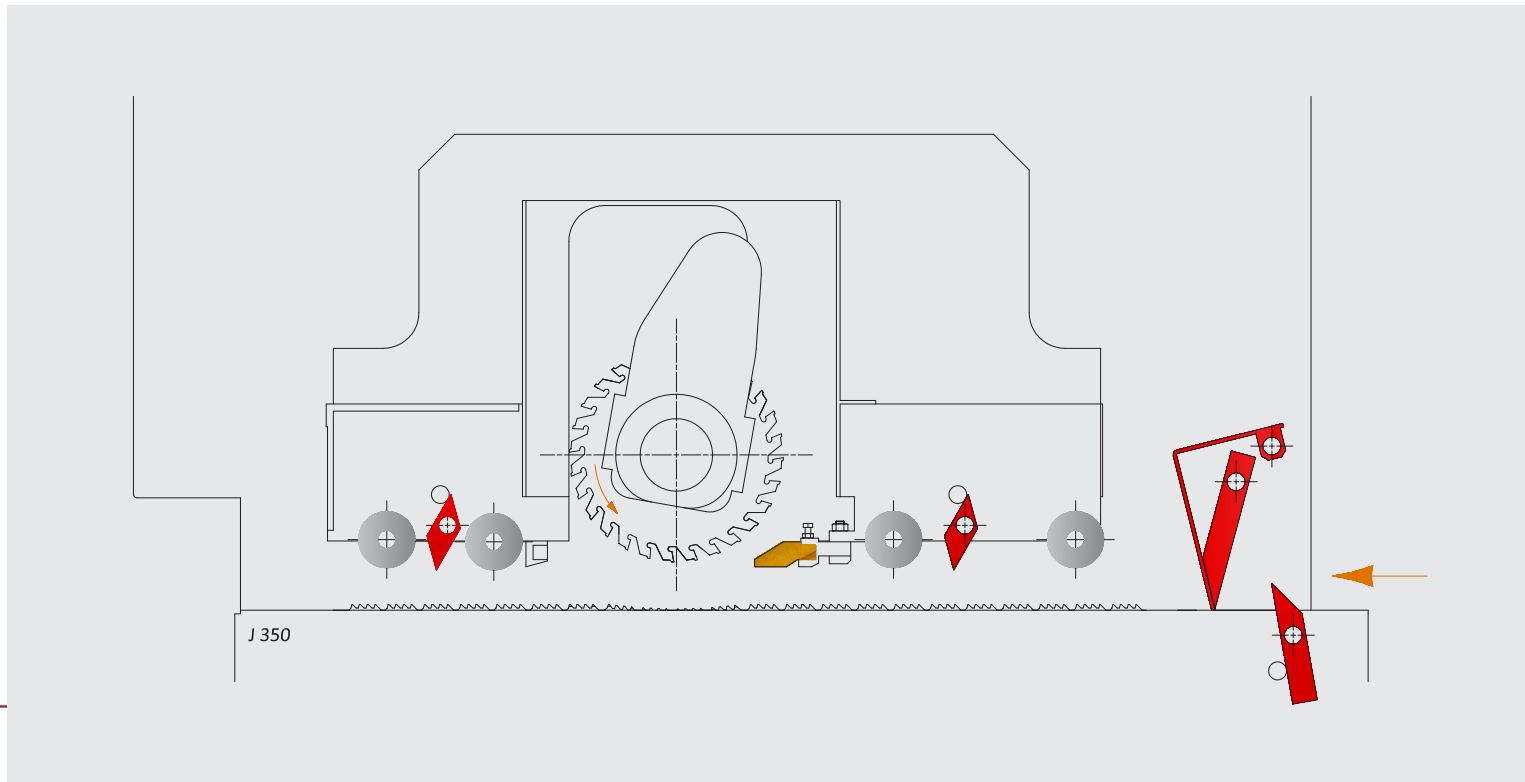


CUTTING DRAWING

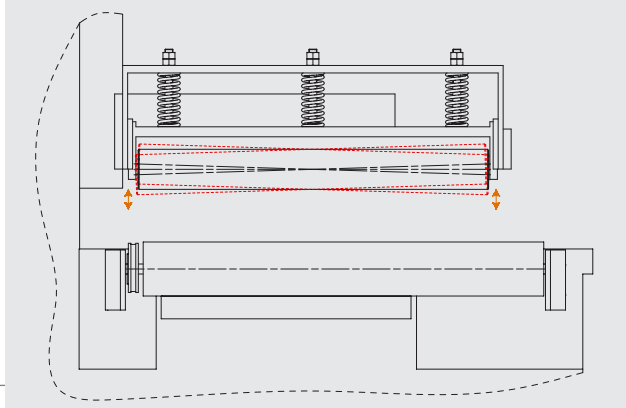


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 4 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

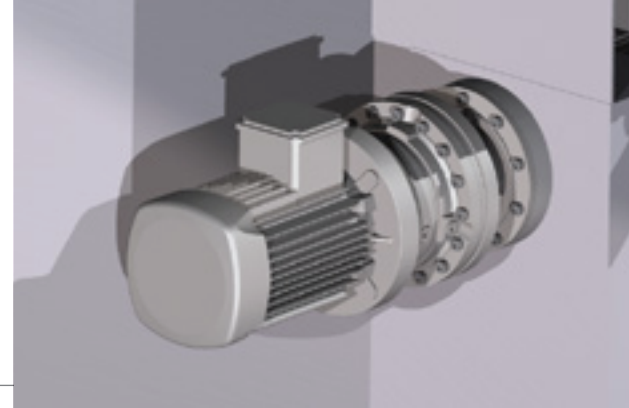


PRESSURE ROLLER



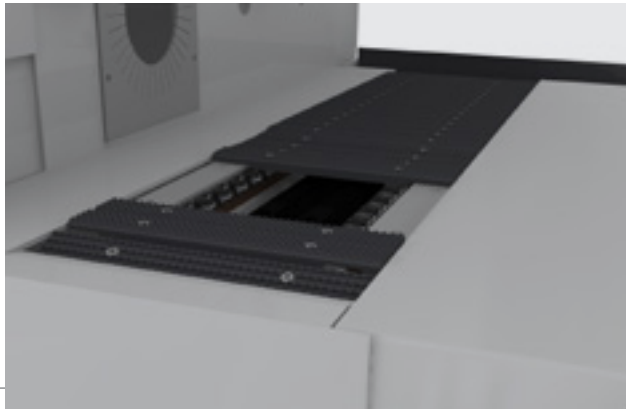
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FEEDING TRACK MOTOR



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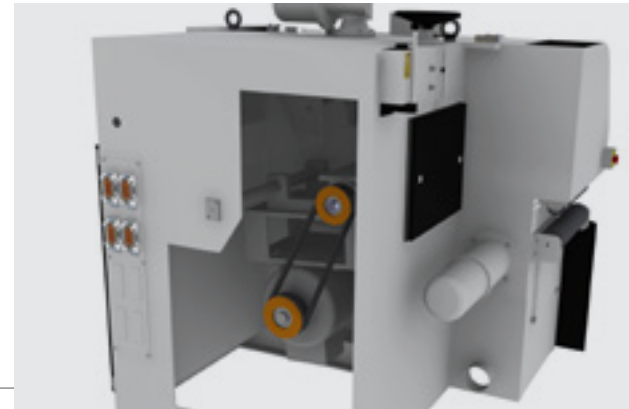
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

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MOTOR POWER TRANSMISSION



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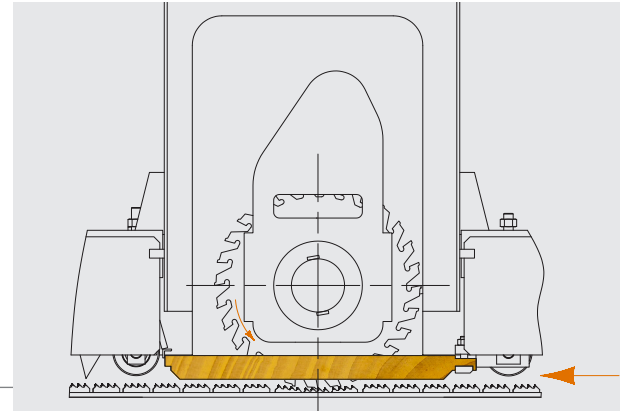
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



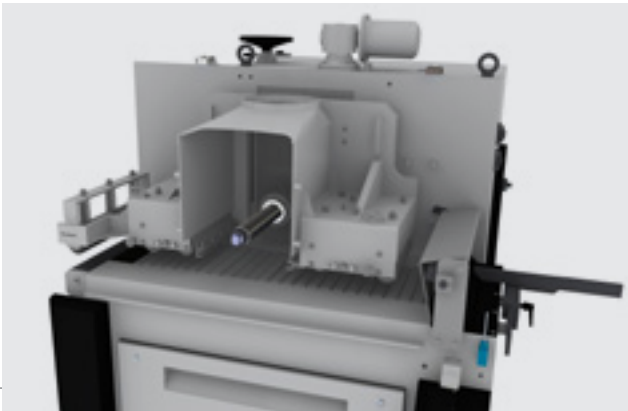
Machine lubrication is by a manual pump.

LONG PRESSURE SHOE



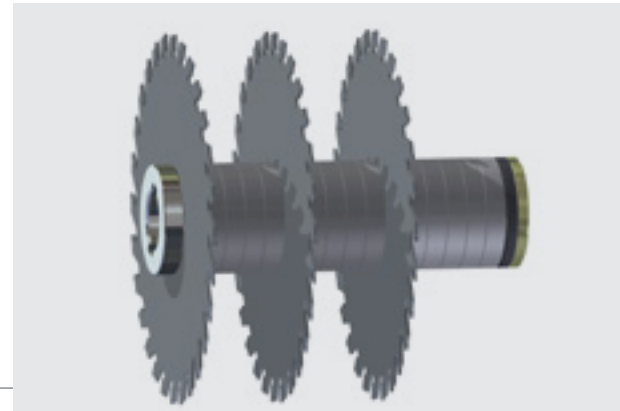
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



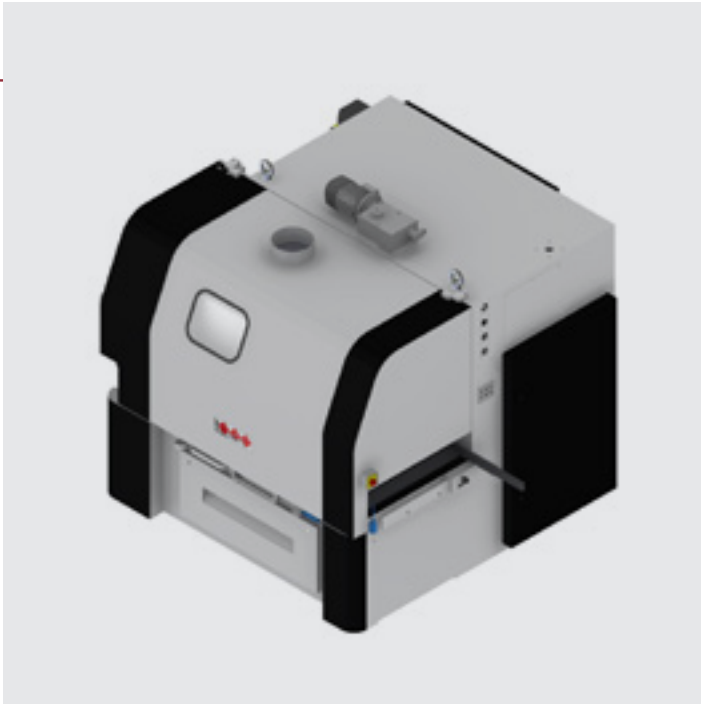
The surface treatment of the spindle ensures long working life.

FIXED SLEEVE

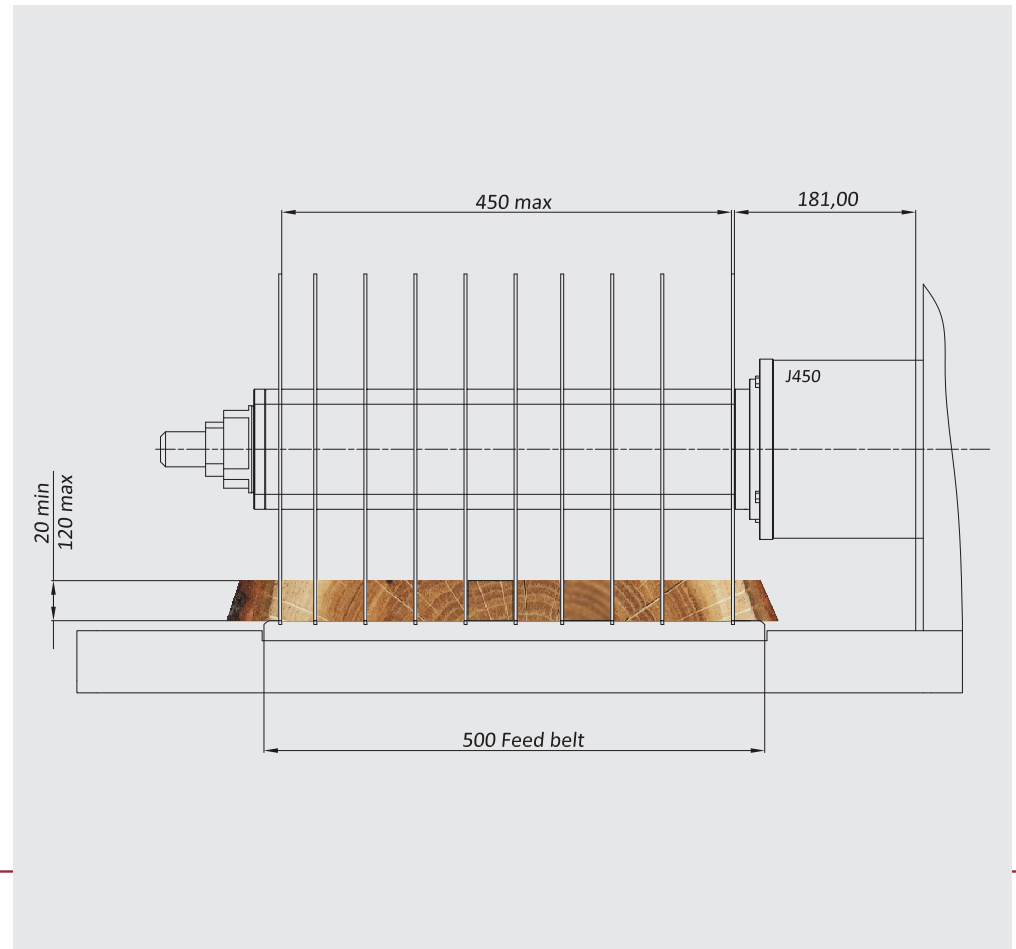


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

J 450

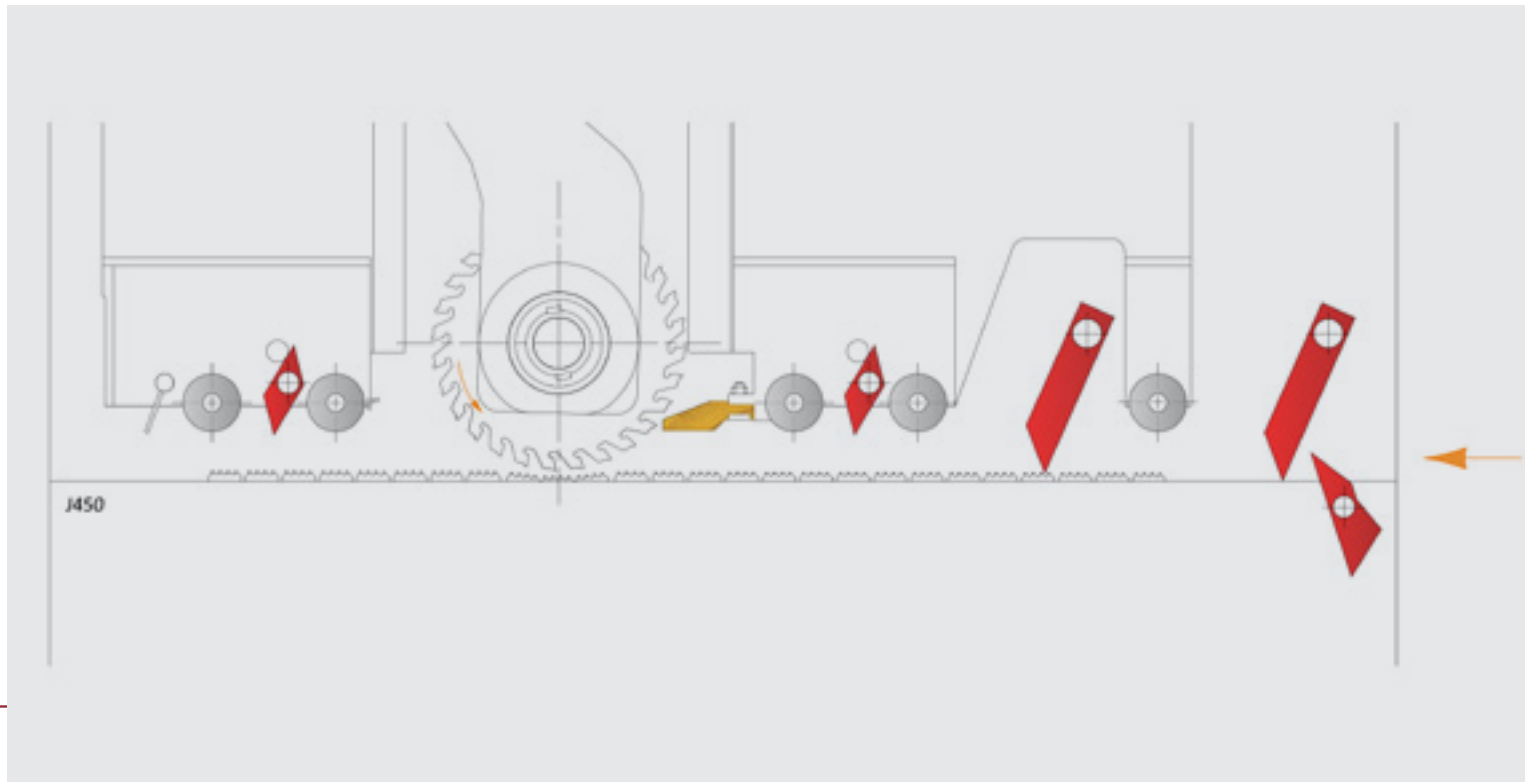


CUTTING DRAWING

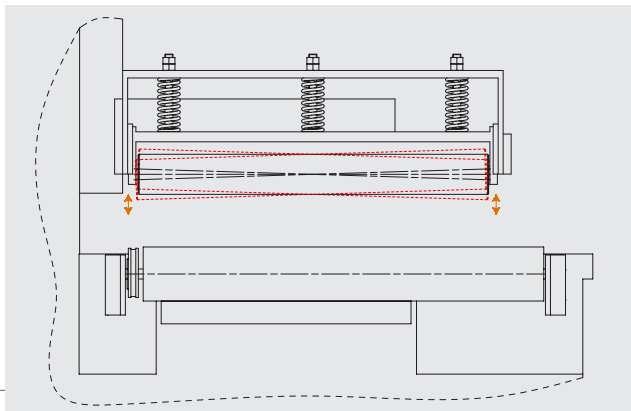


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 5 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

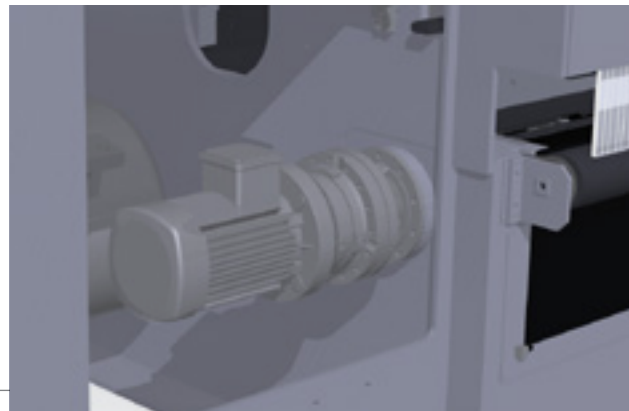


PRESSURE ROLLER



The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

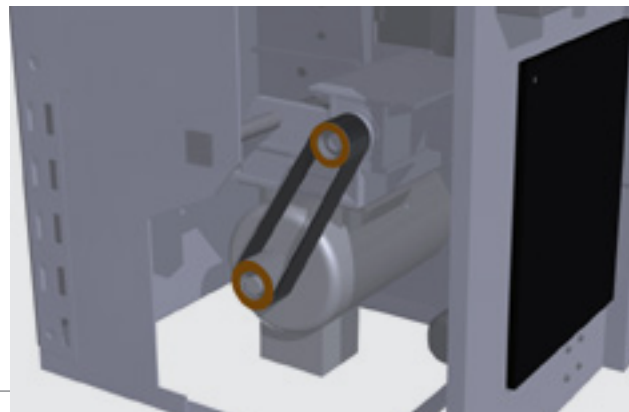
FEEDING TRACK CHAIN



The feed belt runs along 3 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

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- practical and low cost maintenance enhance its performance

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

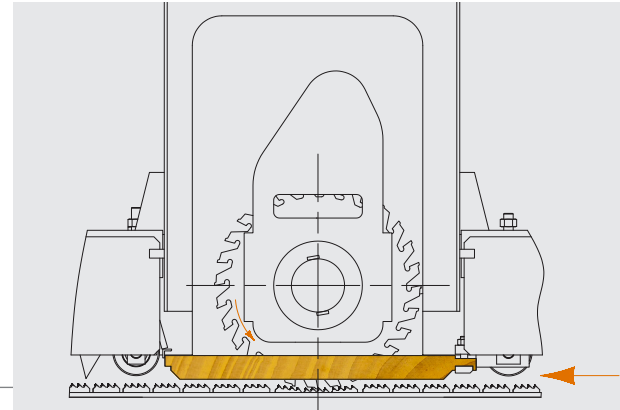
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

LONG PRESSURE SHOE



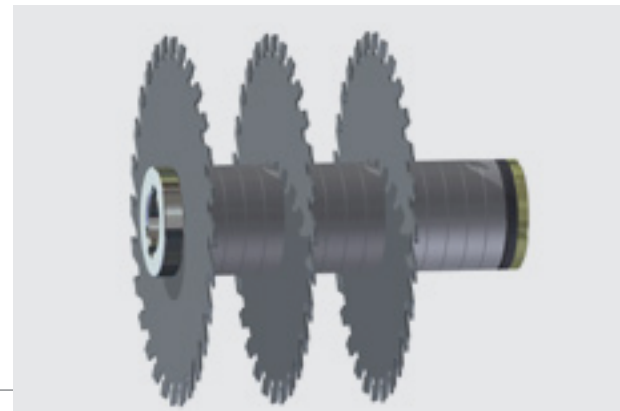
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



The surface treatment of the spindle ensures long working life.

FIXED SLEEVE

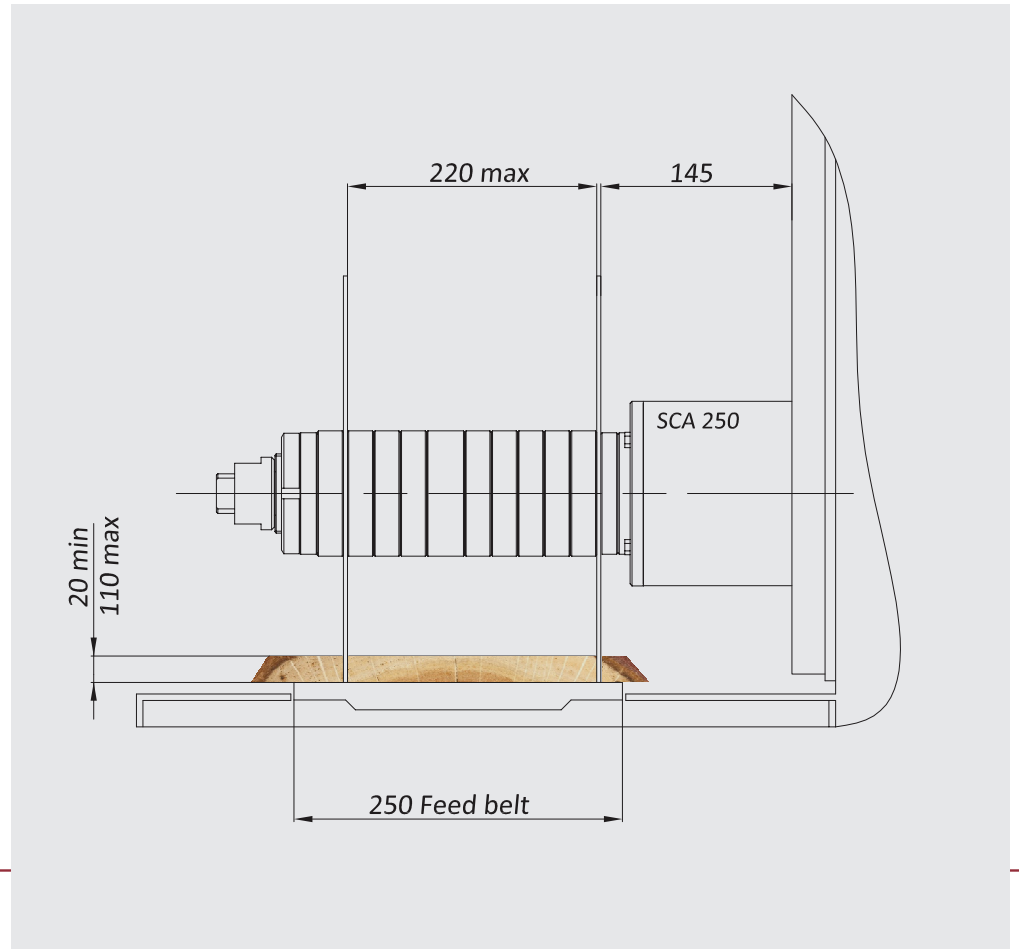


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

SCA 220 T250

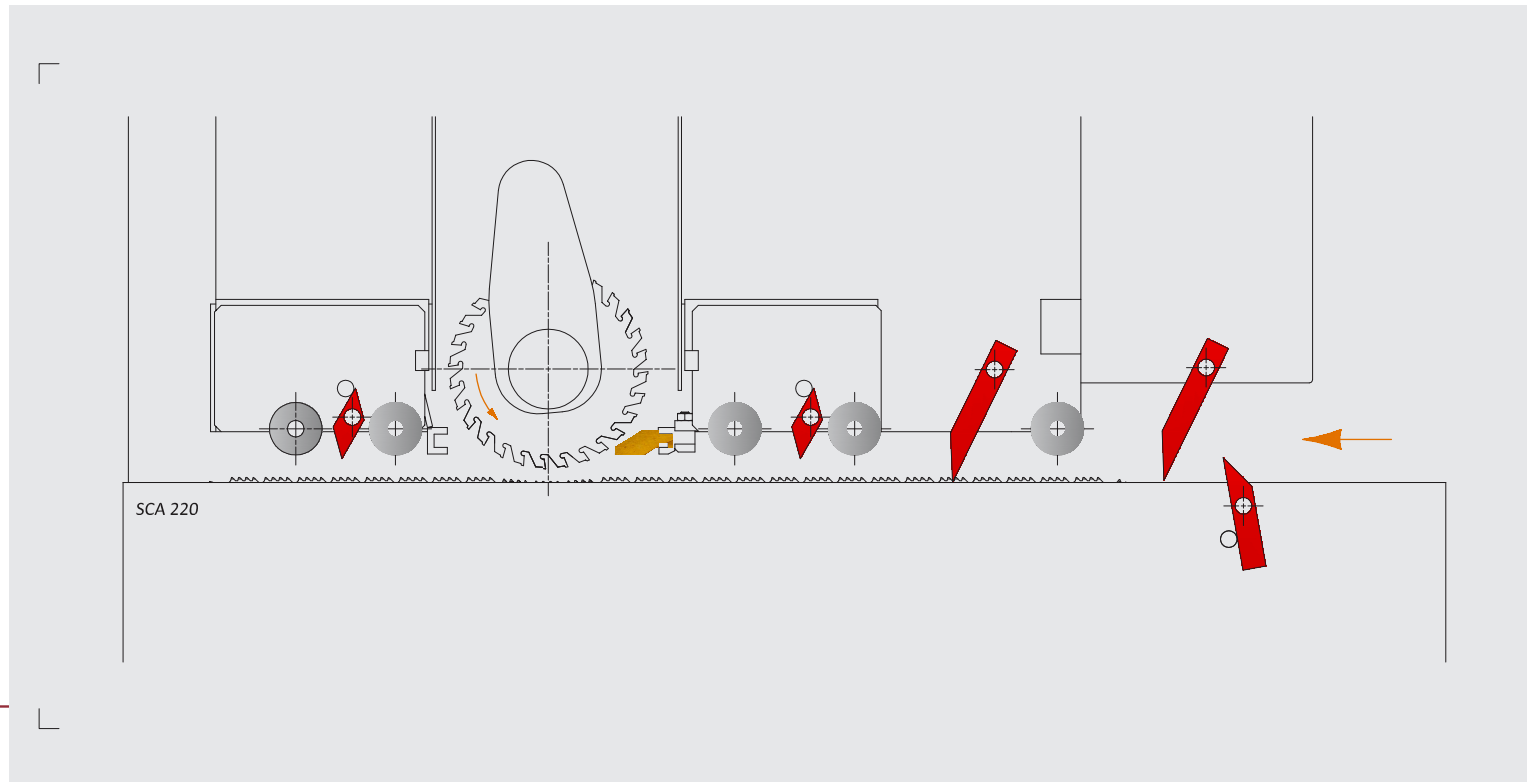


CUTTING DRAWING

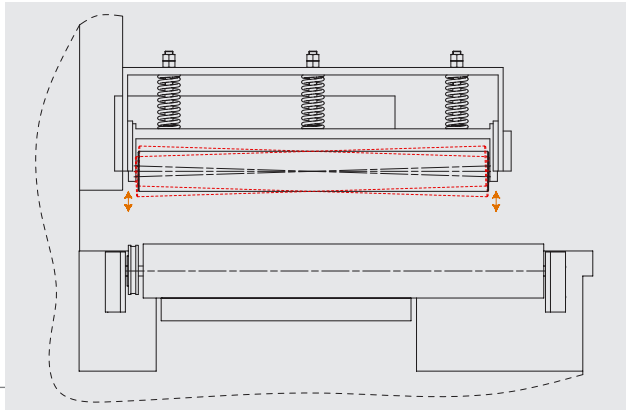


ANTI KICK BACK DRAWING

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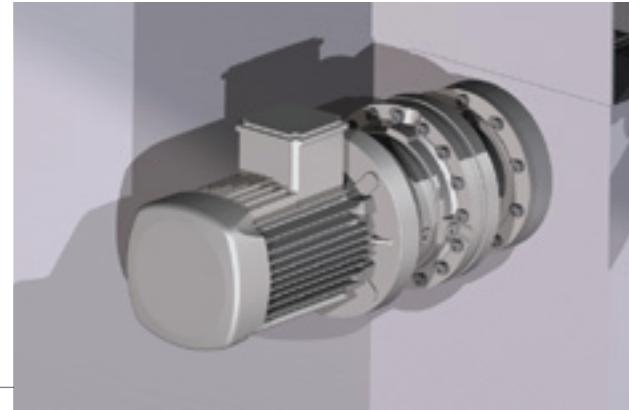


PRESSURE ROLLER



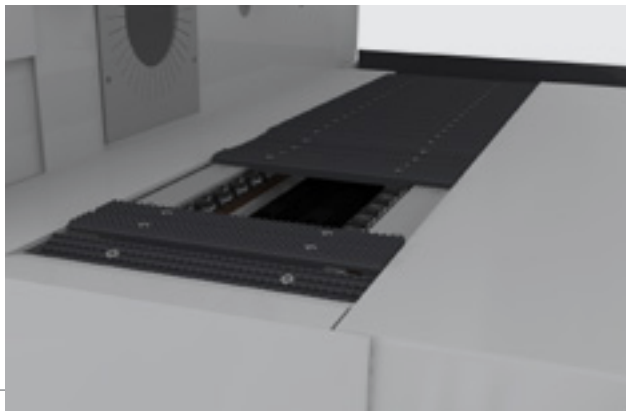
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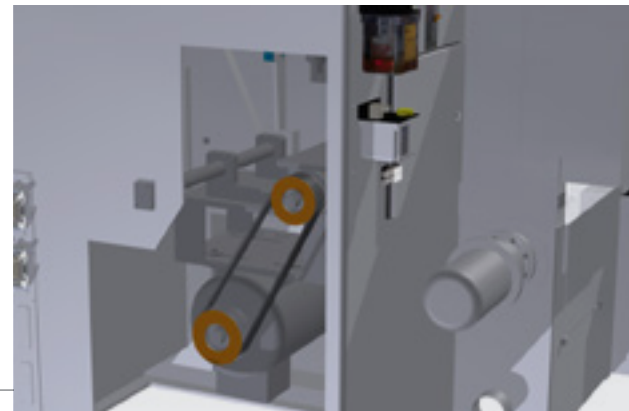
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

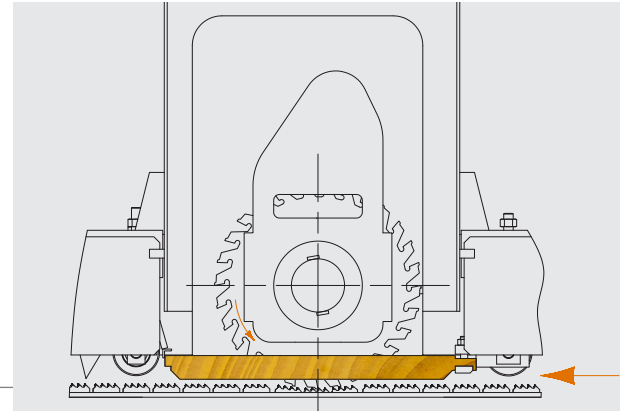
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



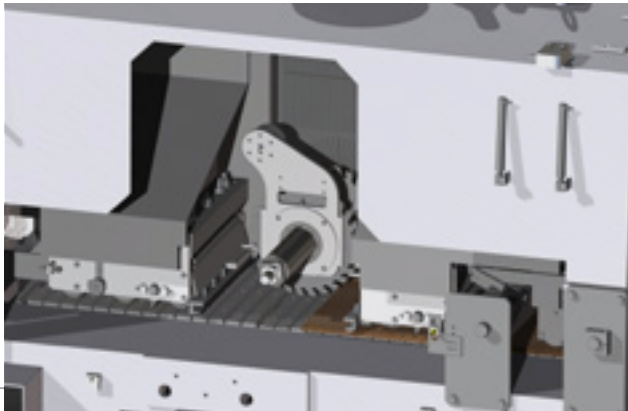
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

LONG PRESSURE SHOE



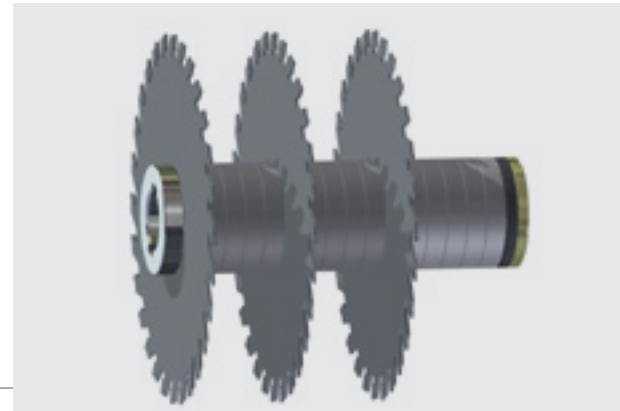
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



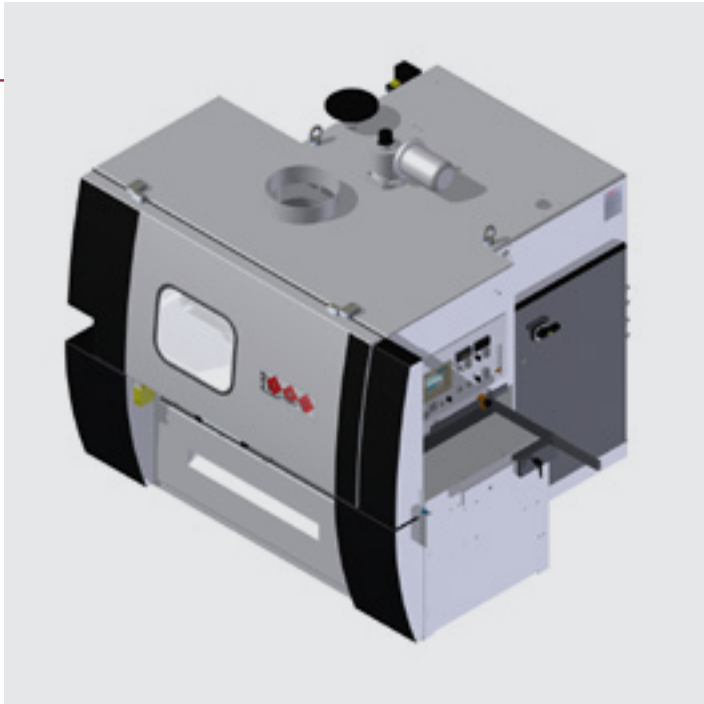
The surface treatment of the spindle ensures long working life.

FIXED SLEEVE

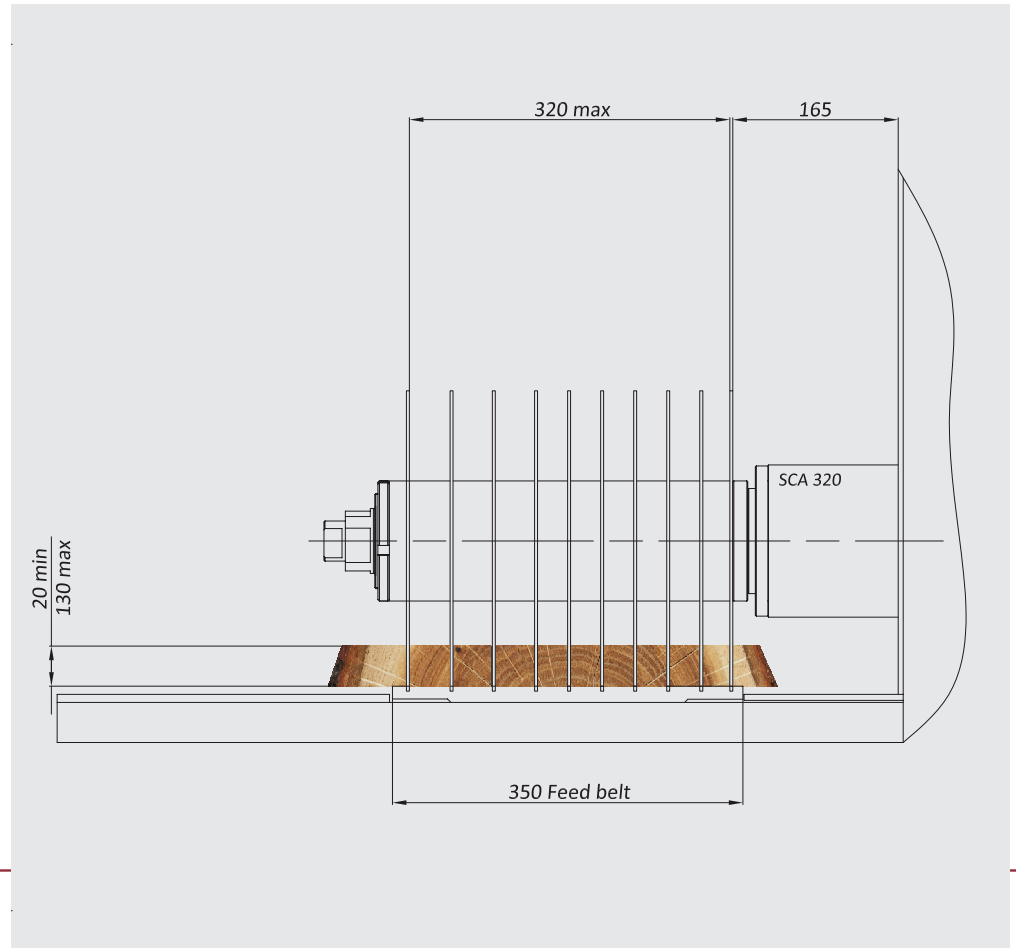


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

SCA 320 T350

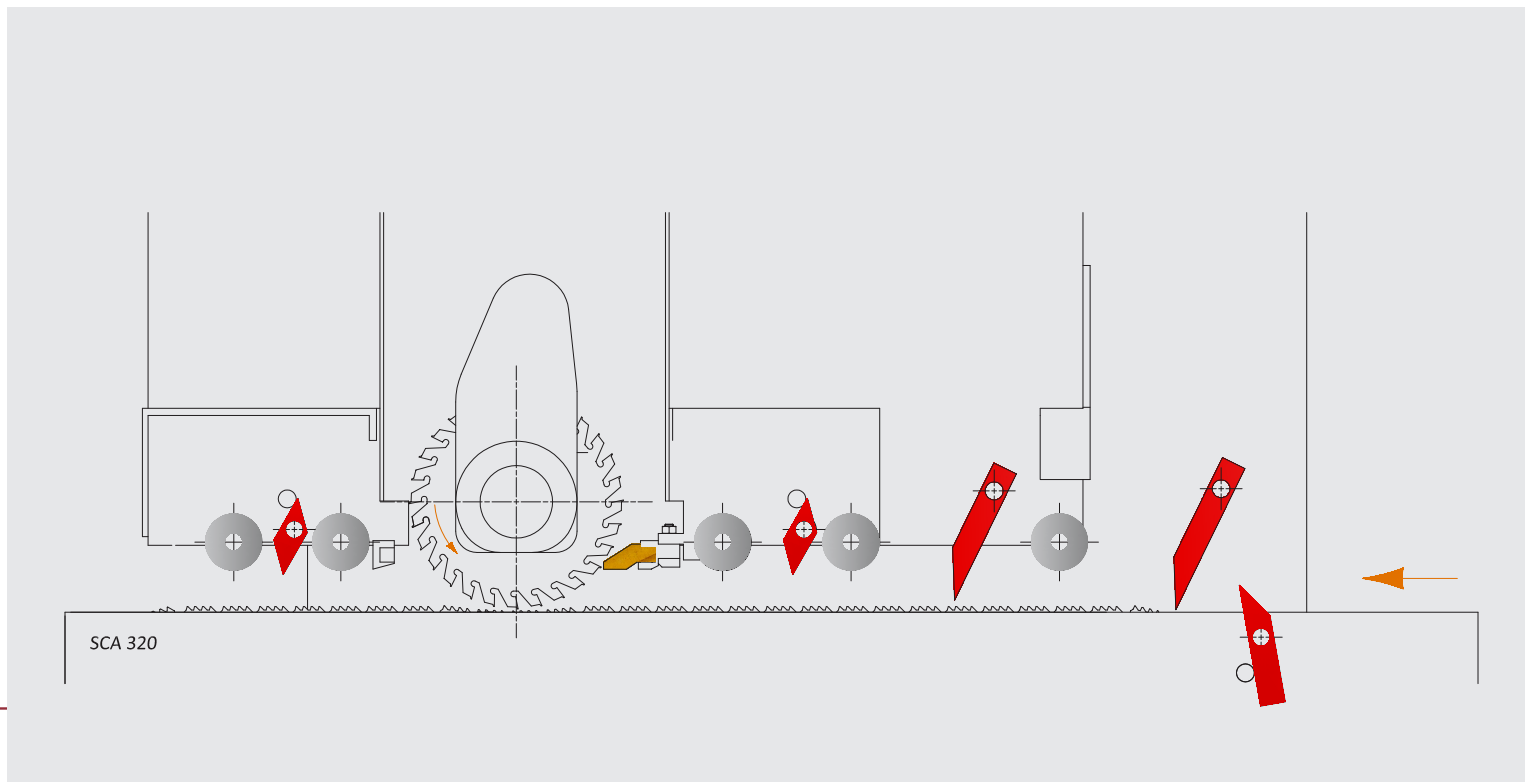


CUTTING DRAWING

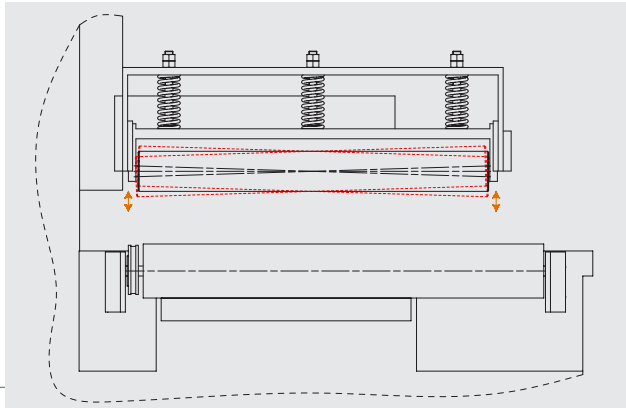


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 5 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

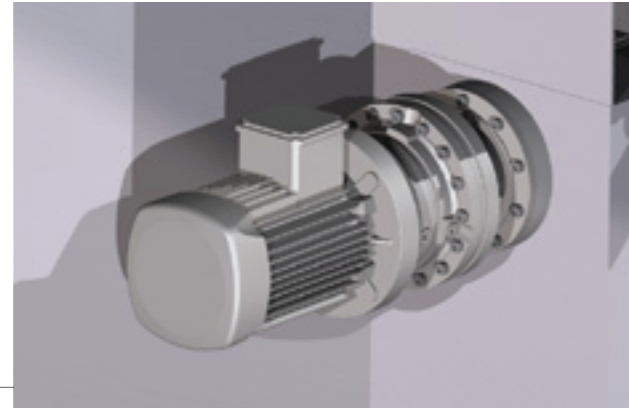


PRESSURE ROLLER



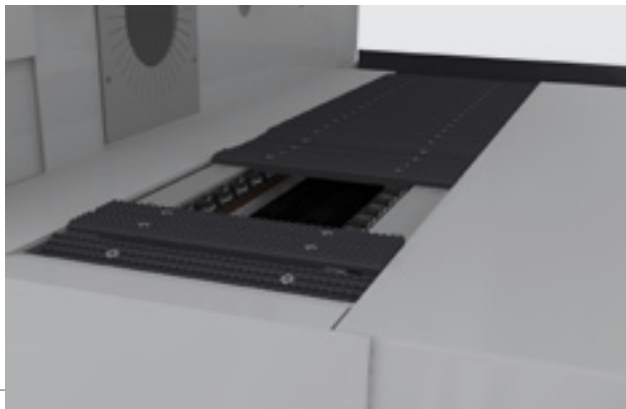
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FEEDING TRACK MOTOR



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FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
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MOTOR POWER TRANSMISSION



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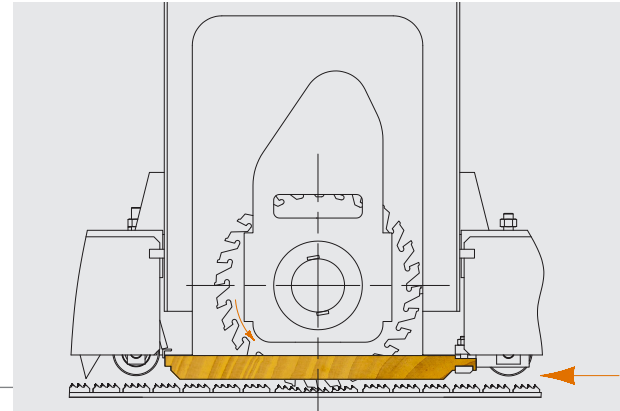
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



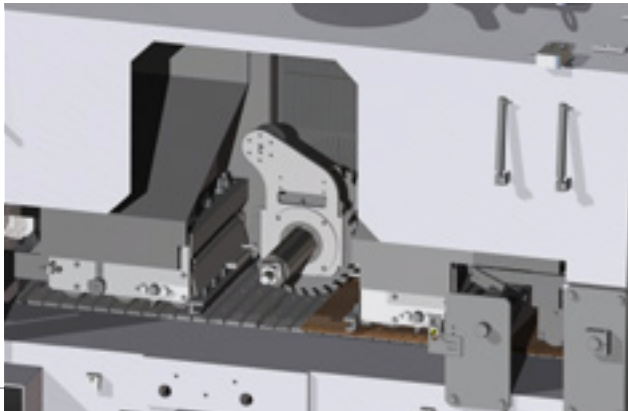
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

LONG PRESSURE SHOE



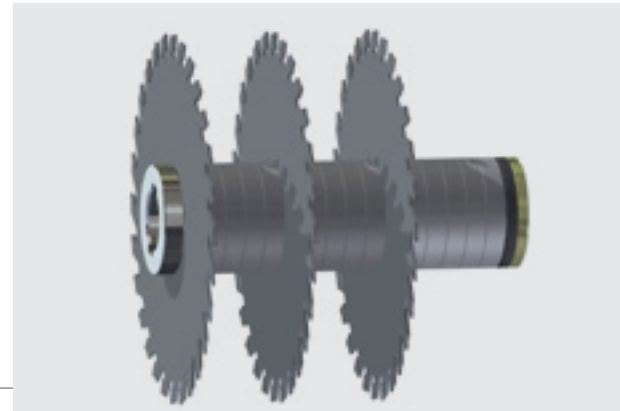
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



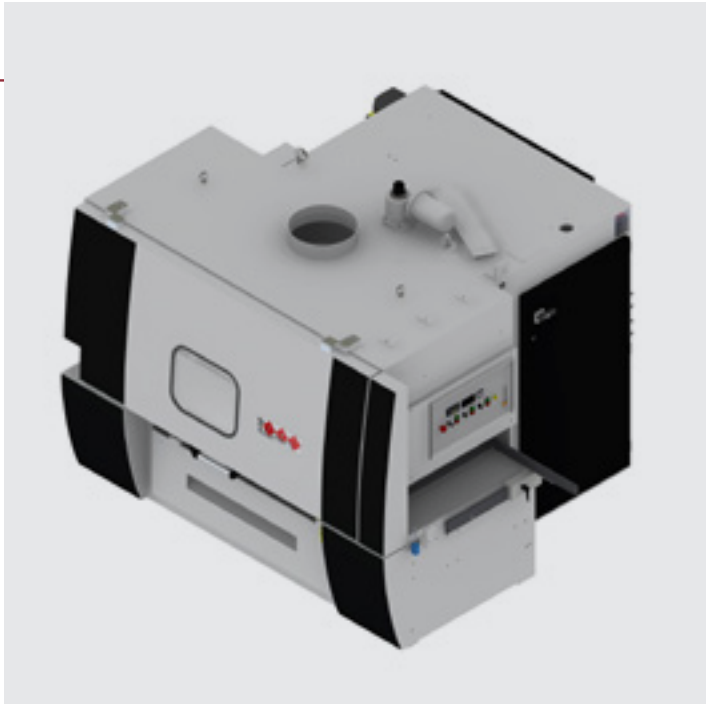
The surface treatment of the spindle ensures long working life.

FIXED SLEEVE

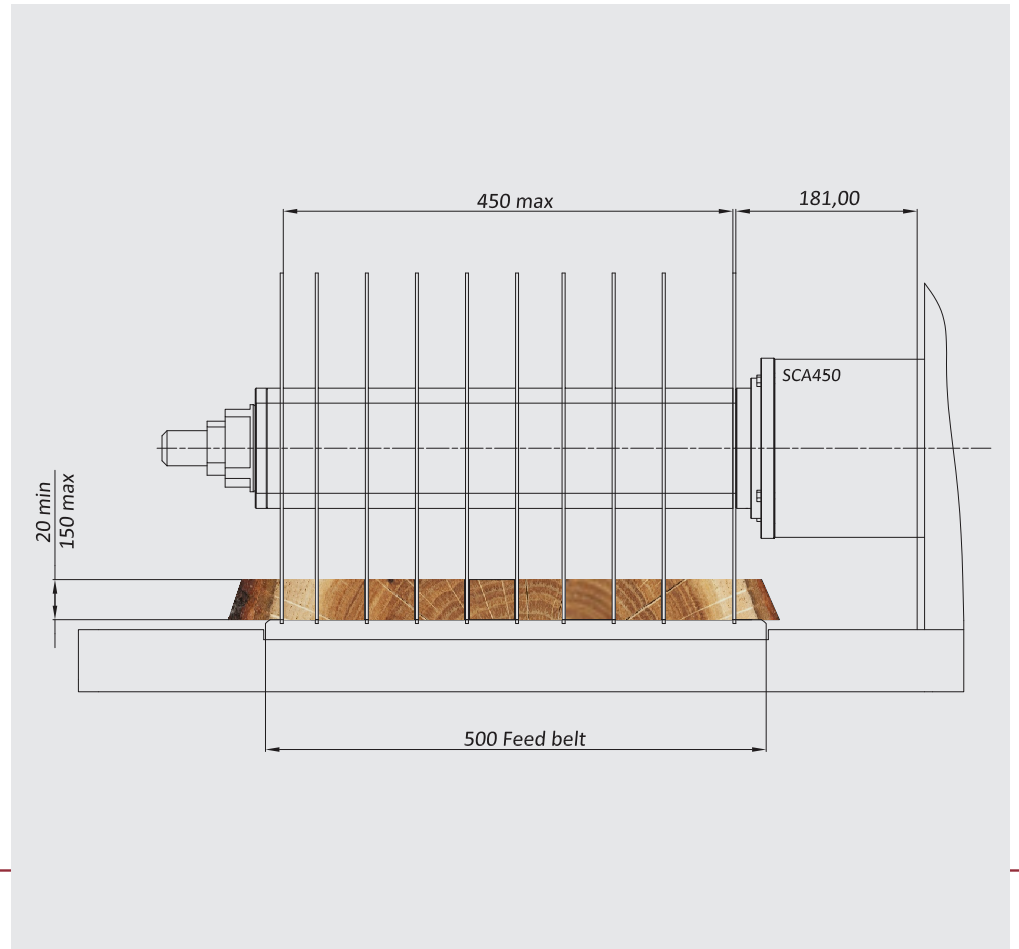


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

SCA 450 T500

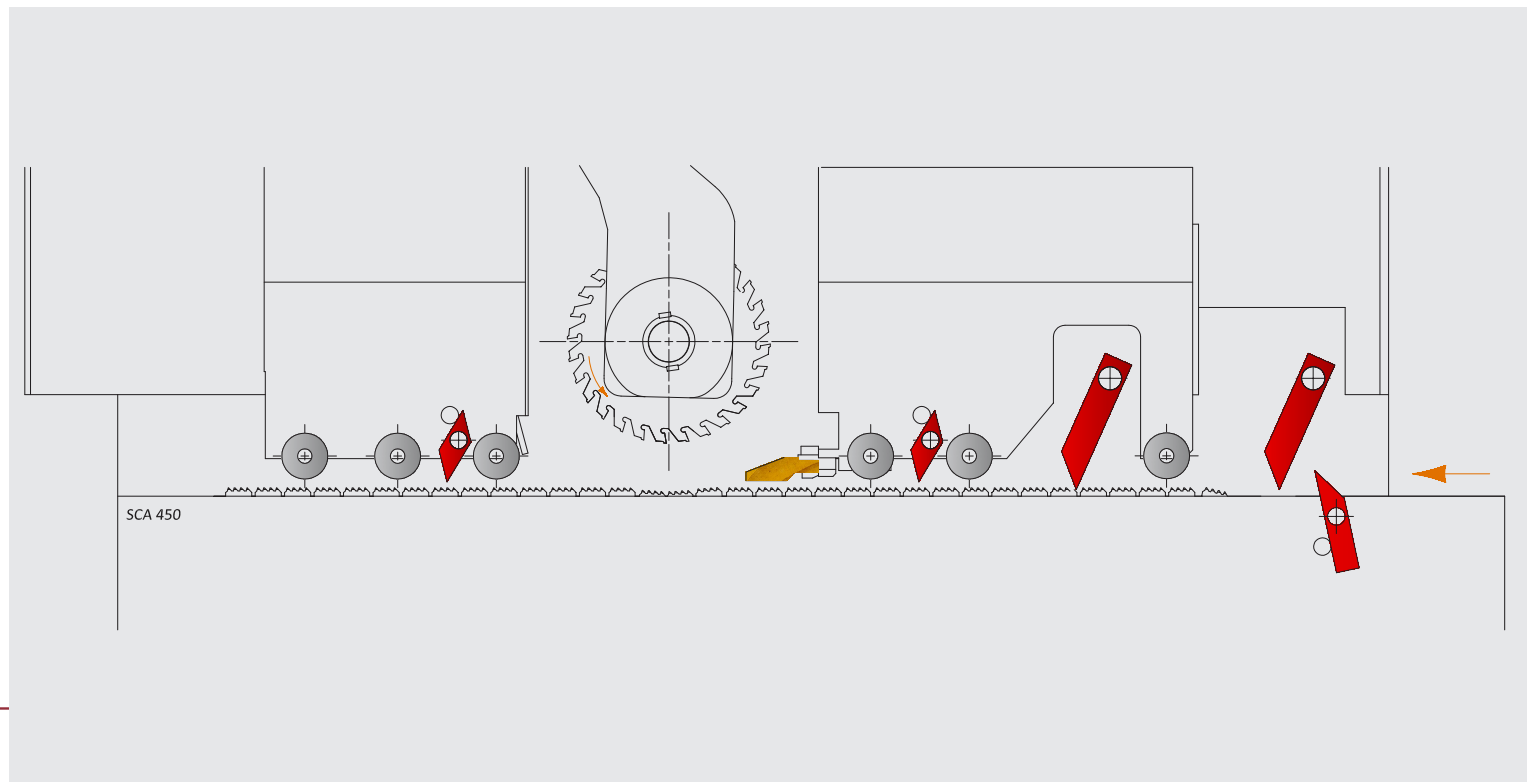


CUTTING DRAWING

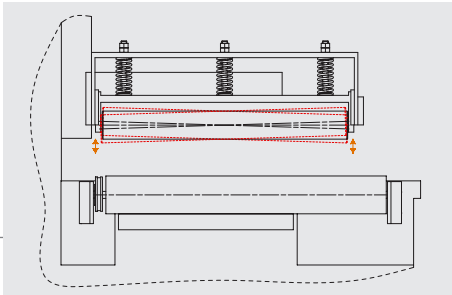


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 6 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

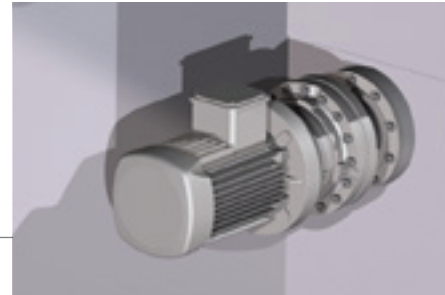


PRESSURE ROLLER



The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

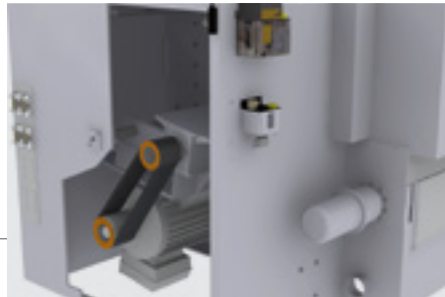
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

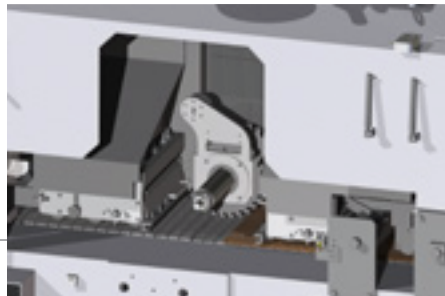
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



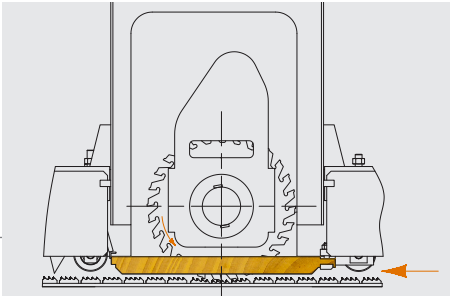
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

MAIN SPINDLE



The surface treatment of the spindle ensures long working life.

LONG PRESSURE SHOE



The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

FIXED SLEEVE



The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

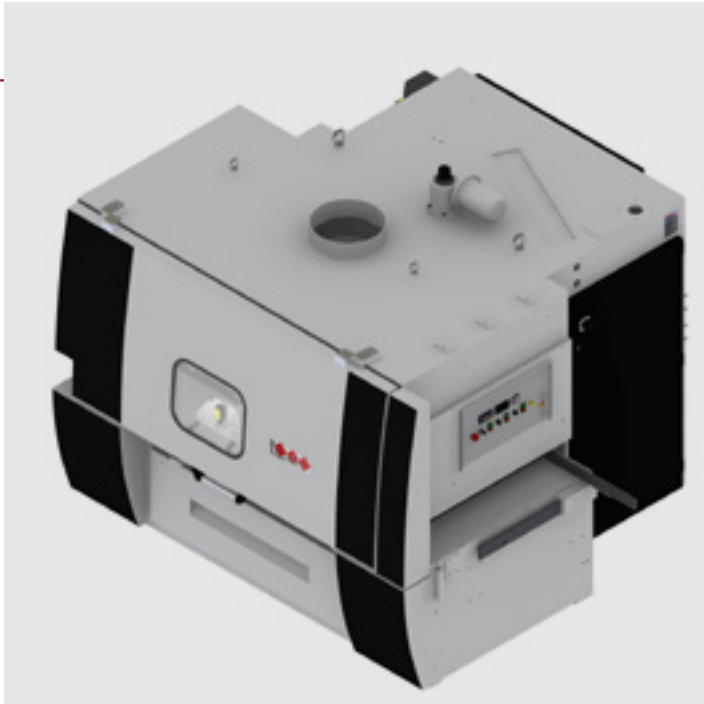
MAIN SPINDLE HEADS' SUPPORT



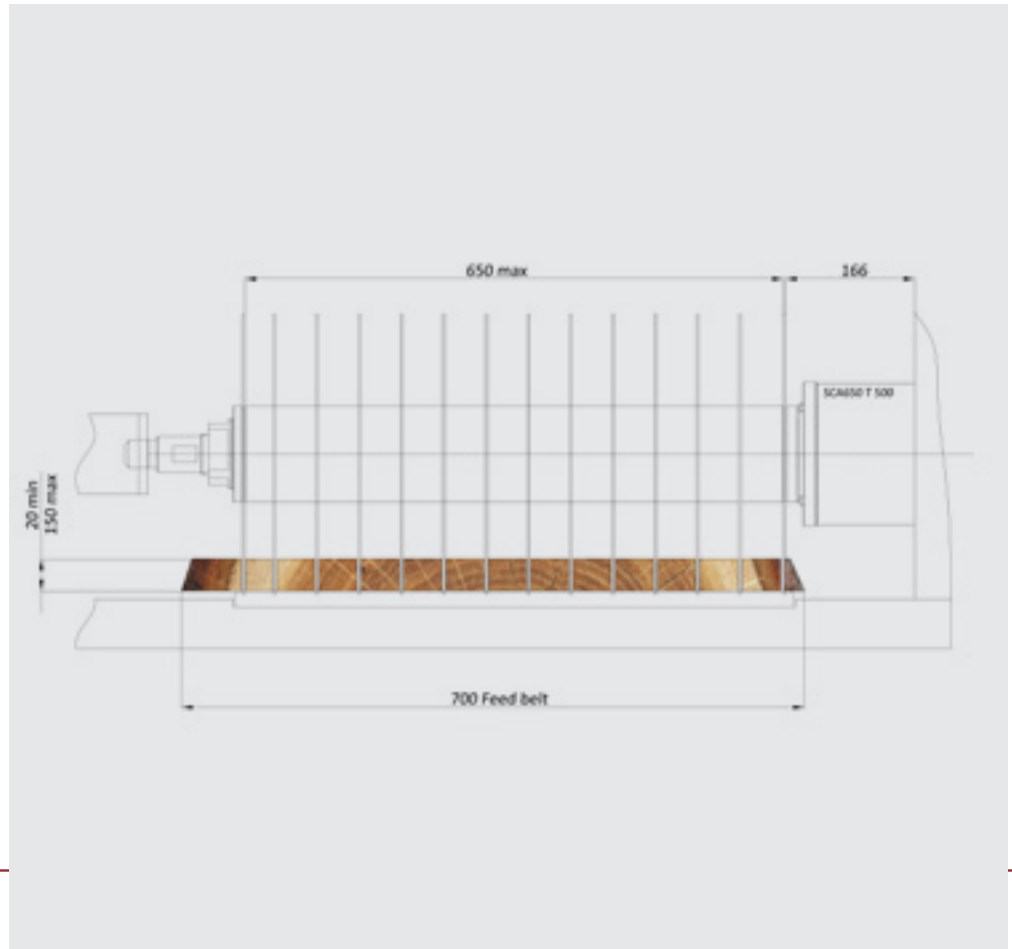
The ball-bearing support offers further stability to the spindle which is already oversized.



SCA 650 T700

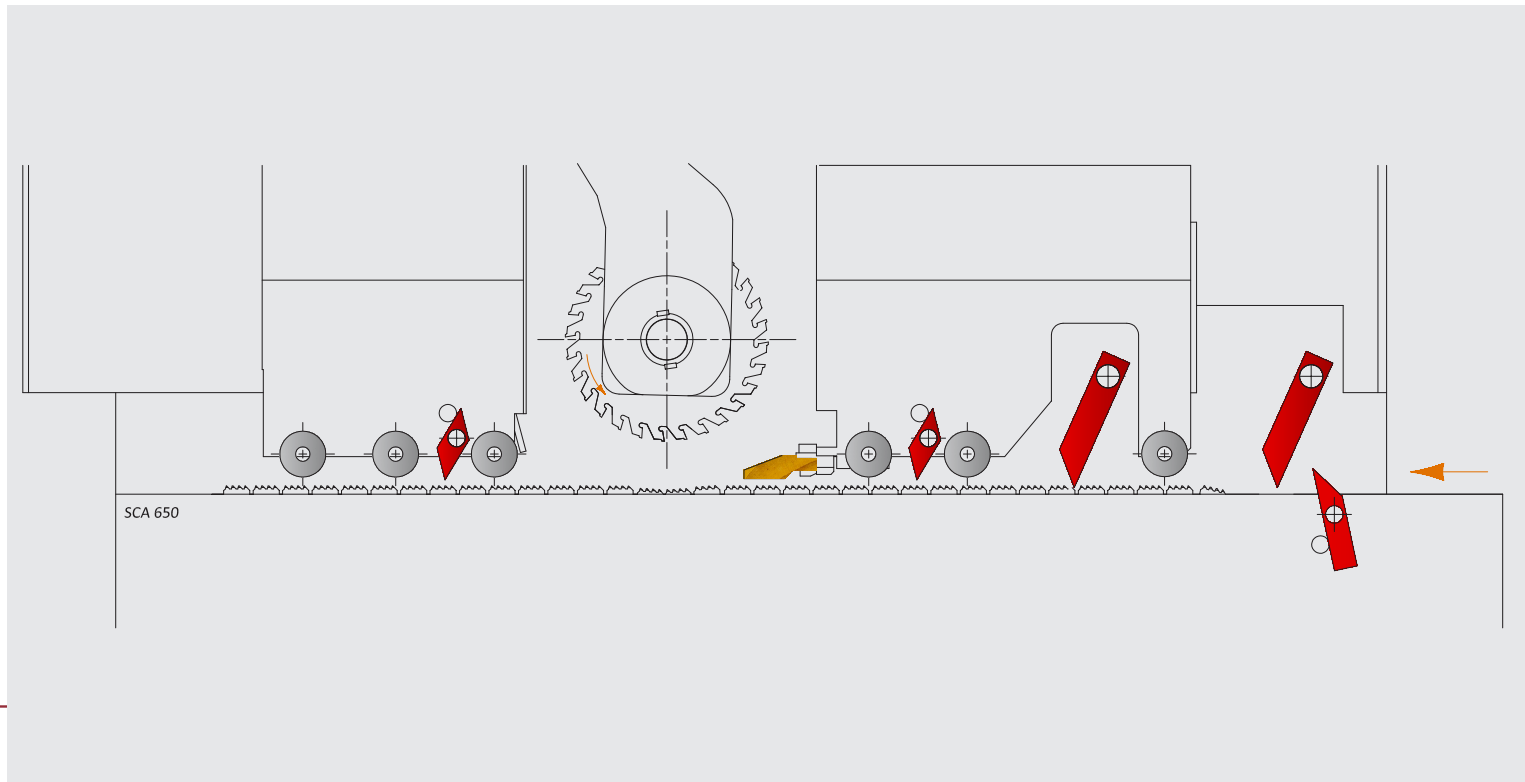


CUTTING DRAWING

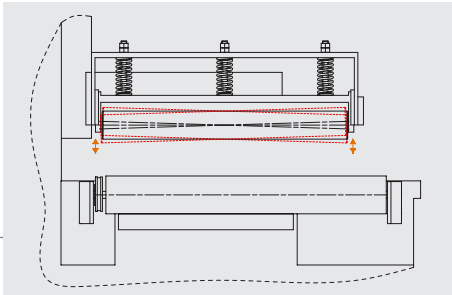


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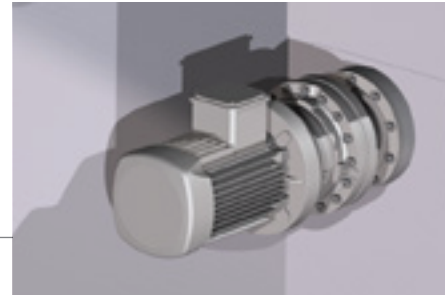


PRESSURE ROLLER



The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

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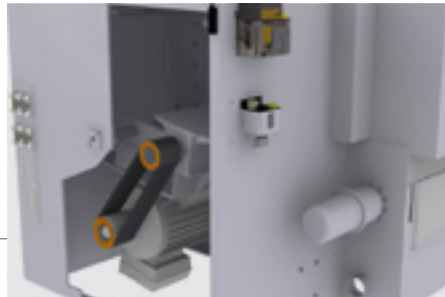
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MOTOR POWER TRANSMISSION



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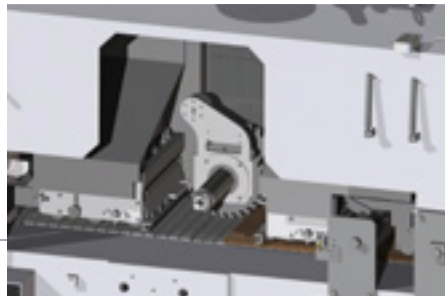
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OIL PUMP LUBRICATION



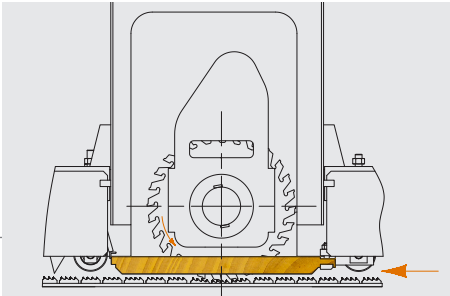
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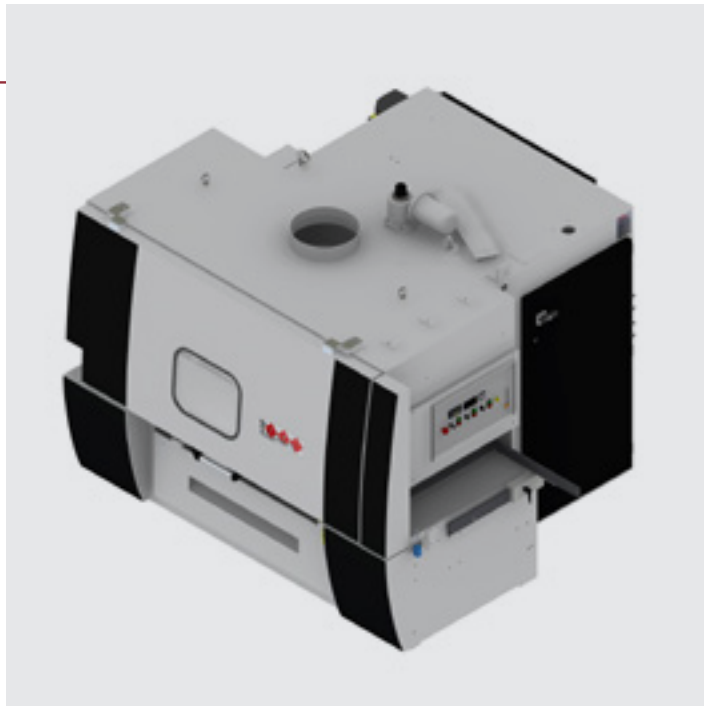
MAIN SPINDLE HEADS' SUPPORT



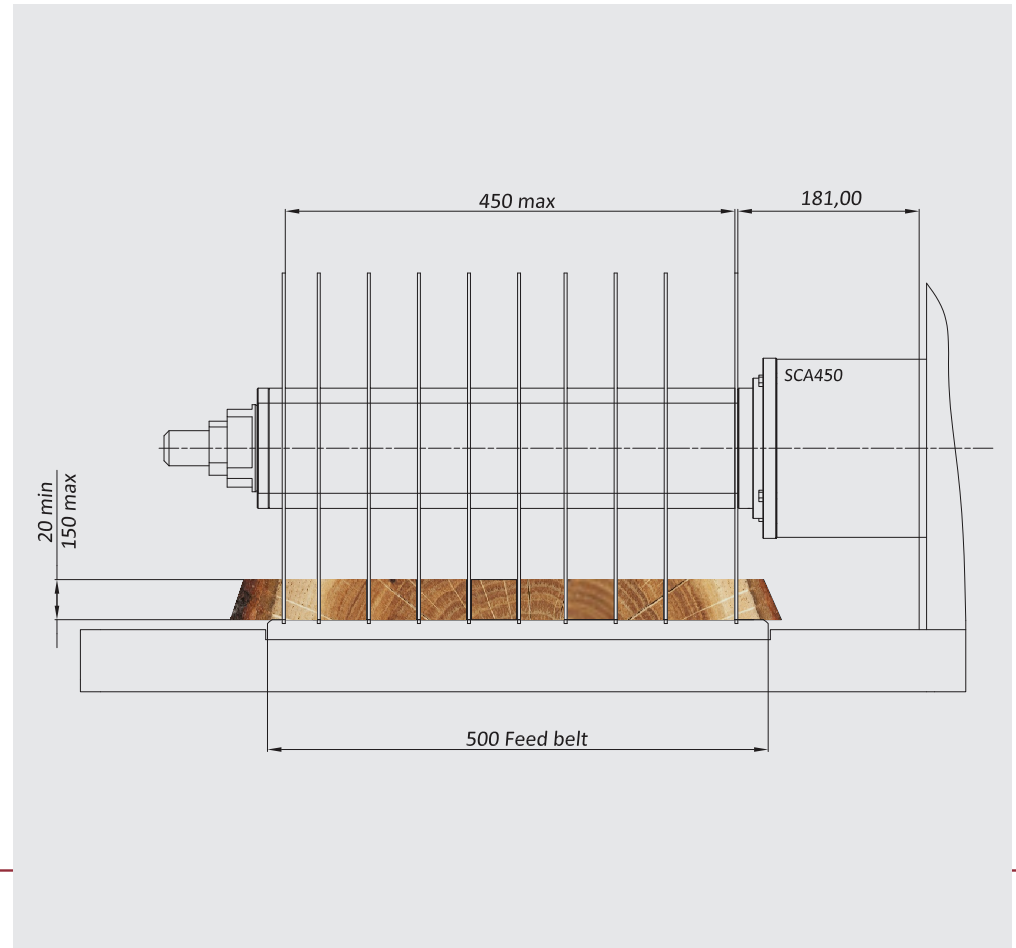
The ball-bearing support offers further stability to the spindle which is already oversized.



SCA 500 EVOLUTION

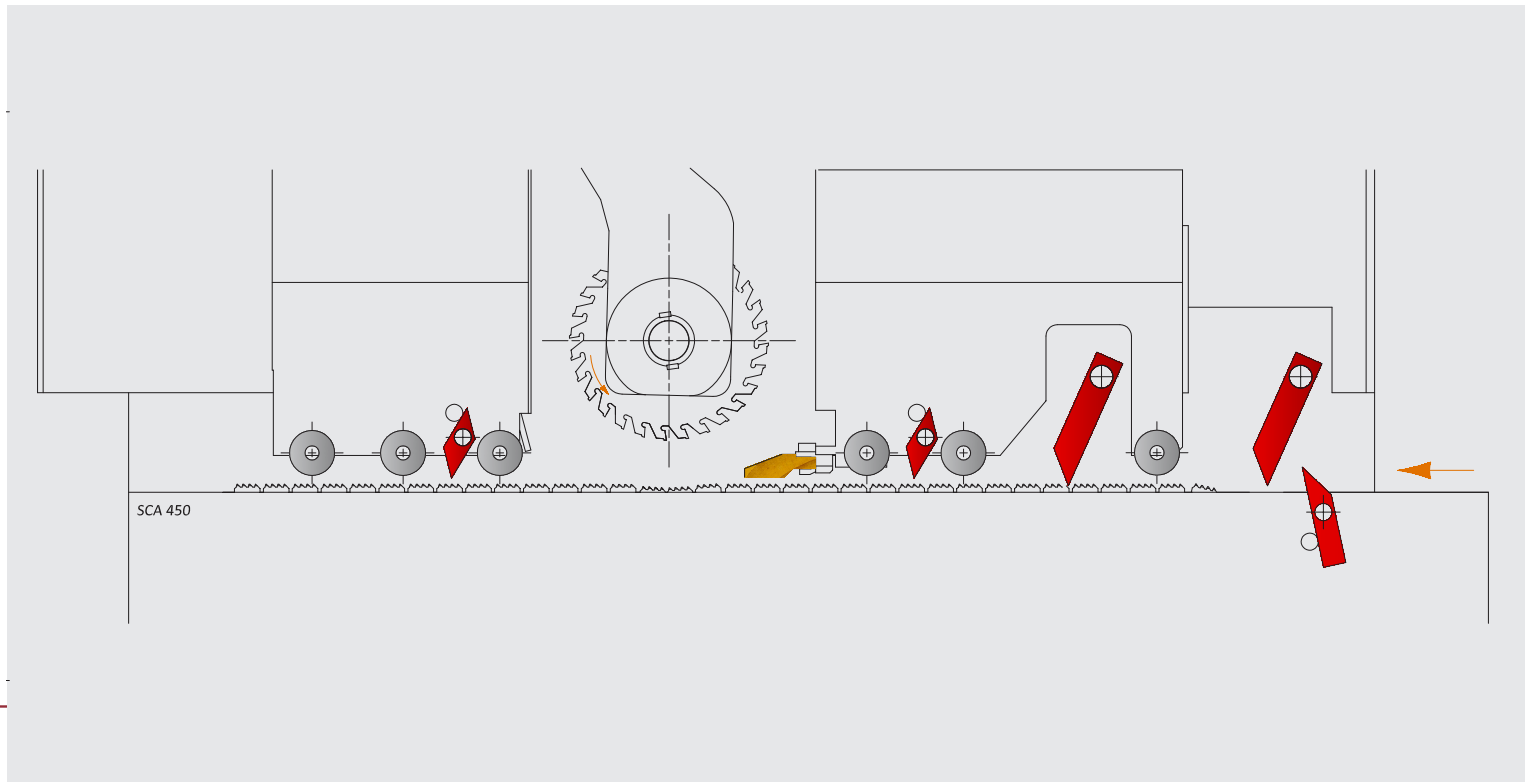


CUTTING DRAWING

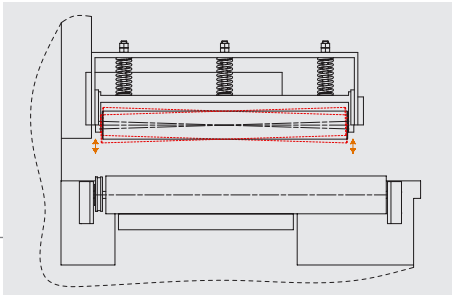


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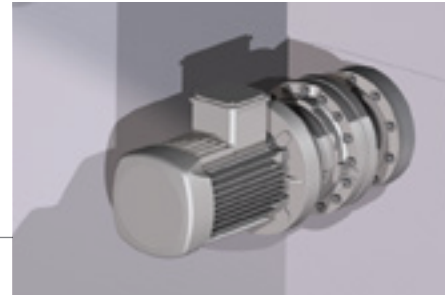


PRESSURE ROLLER



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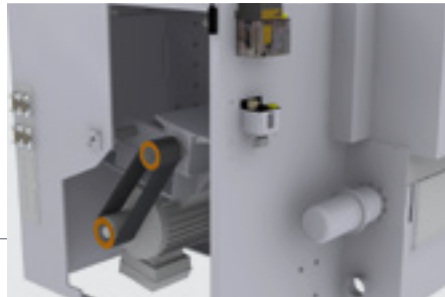
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MOTOR POWER TRANSMISSION



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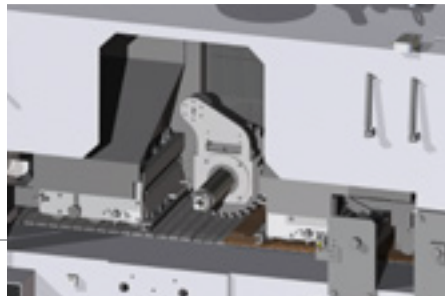
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OIL PUMP LUBRICATION



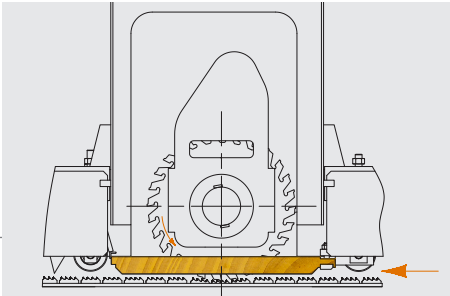
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FIXED SLEEVE



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MAIN SPINDLE HEADS' SUPPORT



The ball-bearing support offers further stability to the spindle which is already oversized.



EDGER

The result of long experience and great care given to detail, our production range extends in a range articulated that offers the possibility to choose the product solution for every need.

MULTI-RIP E

The product "E" entry level allows all customers to enter the world CML ENGINEERING SRL, giving them the opportunity to leverage our technologies even less powers dare models. This product range is equipped with the mechanical systems that distinguish the brand CML ENGINEERING.

MULTI-RIP J

The product "J" Junior allows the use of technologies already adopted on high-end products. Equipped of mechanical systems that distinguish the brand CML ENGINEERING. Feed speed carpet 0-40 MT / 1 ".

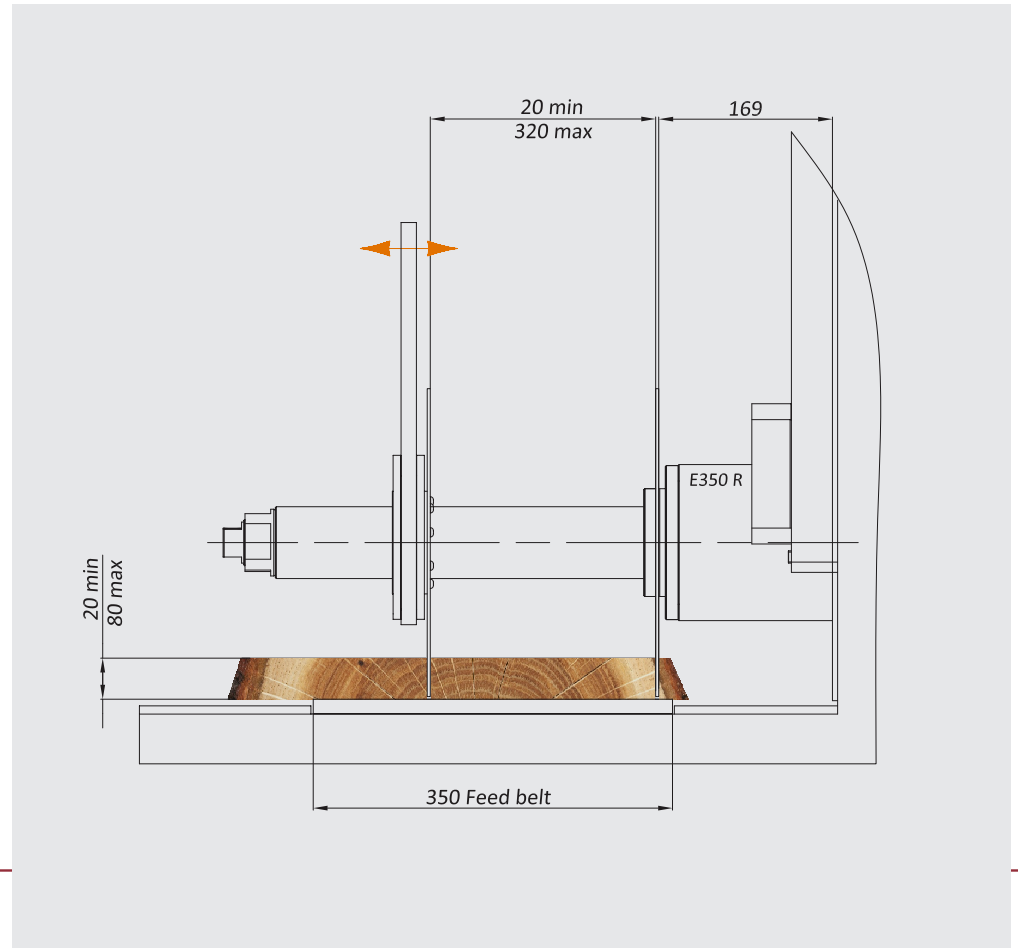
MULTI-RIP SCA

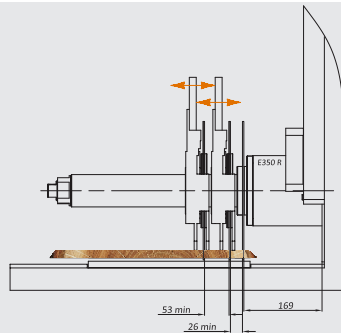
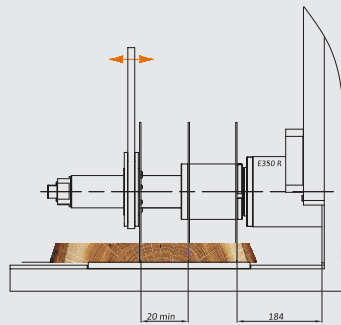
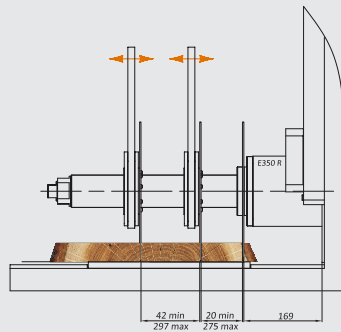
The product "SCA" is equipped with all the highest technology resulting from an experience of 60 years of activity and development, surrounded by the great care given to detail. It is the reference range of our development and technology..

E 350 R



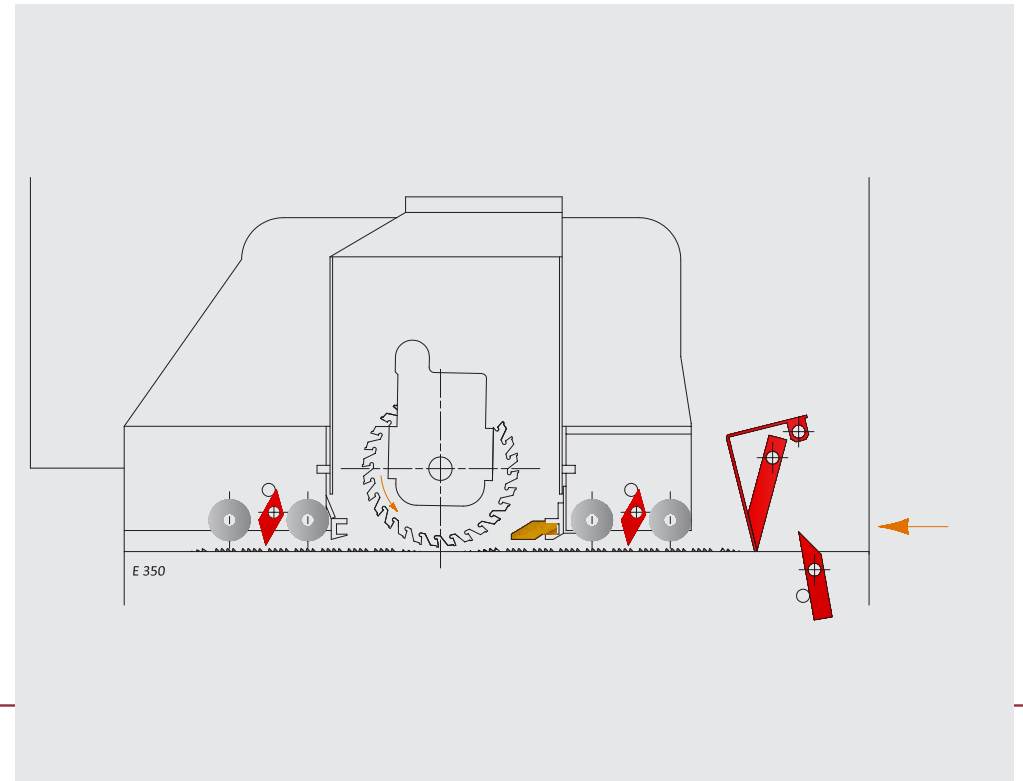
CUTTING DRAWING



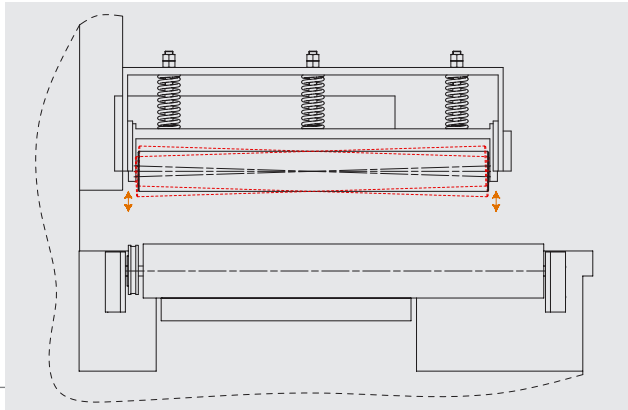


ANTI KICK BACK DRAWING

Top rollers group raised manually, with 4 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

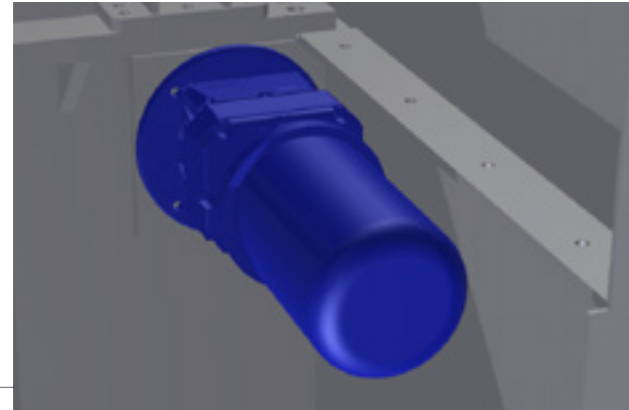


PRESSURE ROLLER



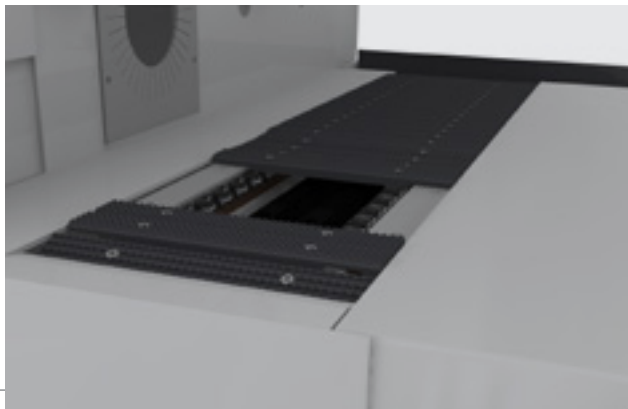
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FEEDING TRACK MOTOR



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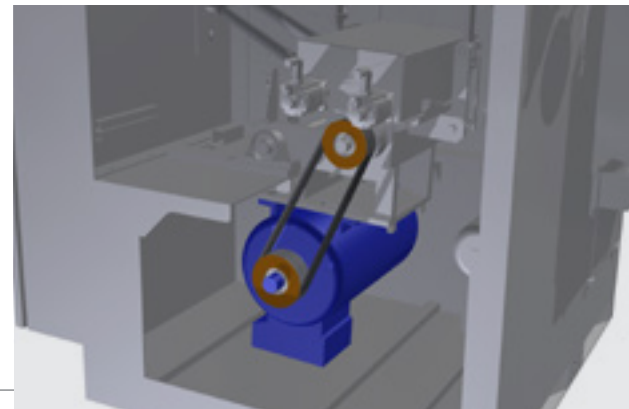
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MOTOR POWER TRANSMISSION



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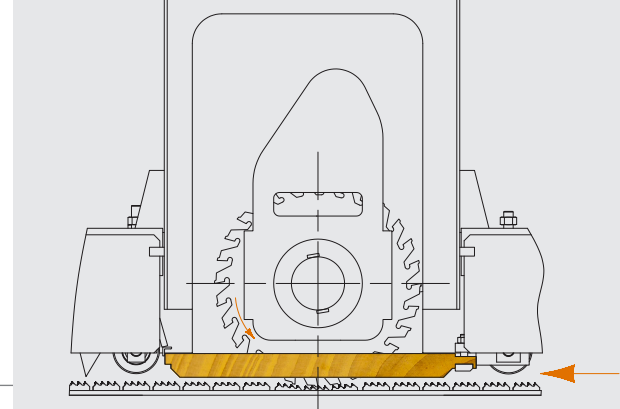
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OIL PUMP LUBRICATION



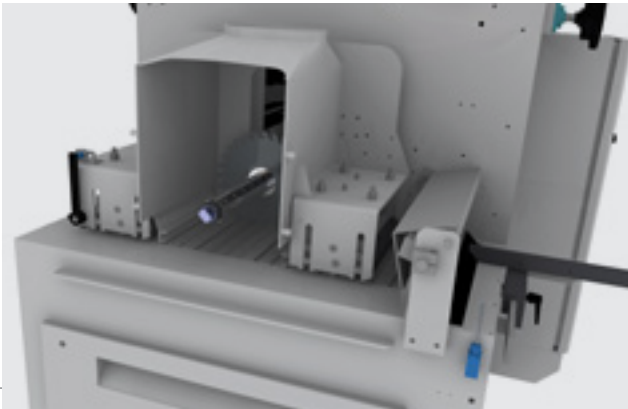
Machine lubrication is by a manual pump.

LONG PRESSURE SHOE



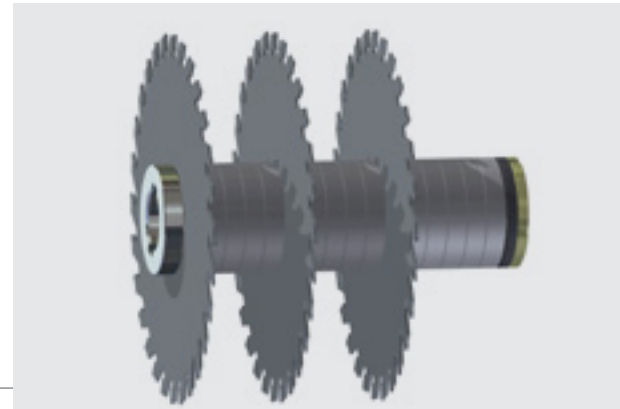
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

FIXED SLEEVE

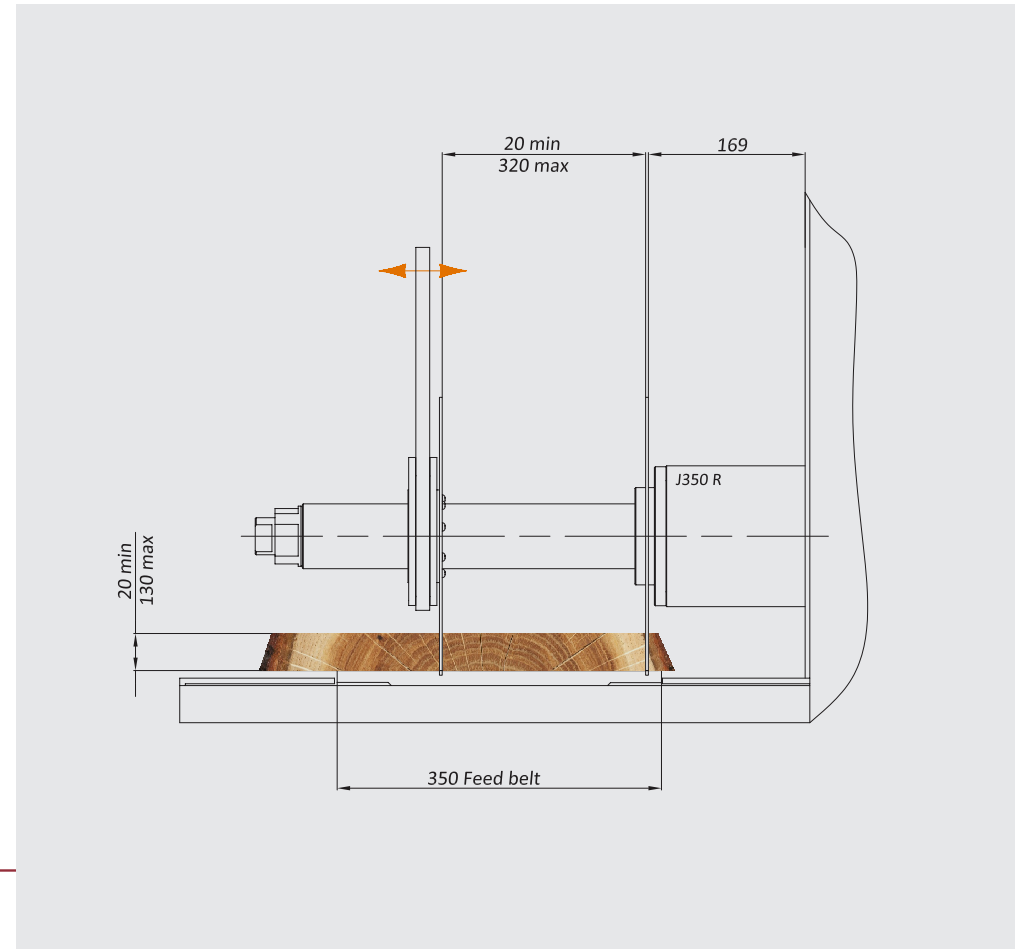


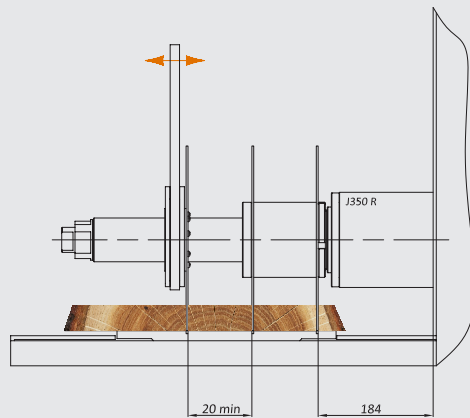
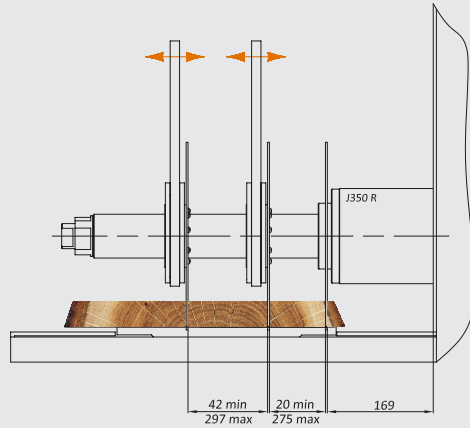
The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

J 350 R



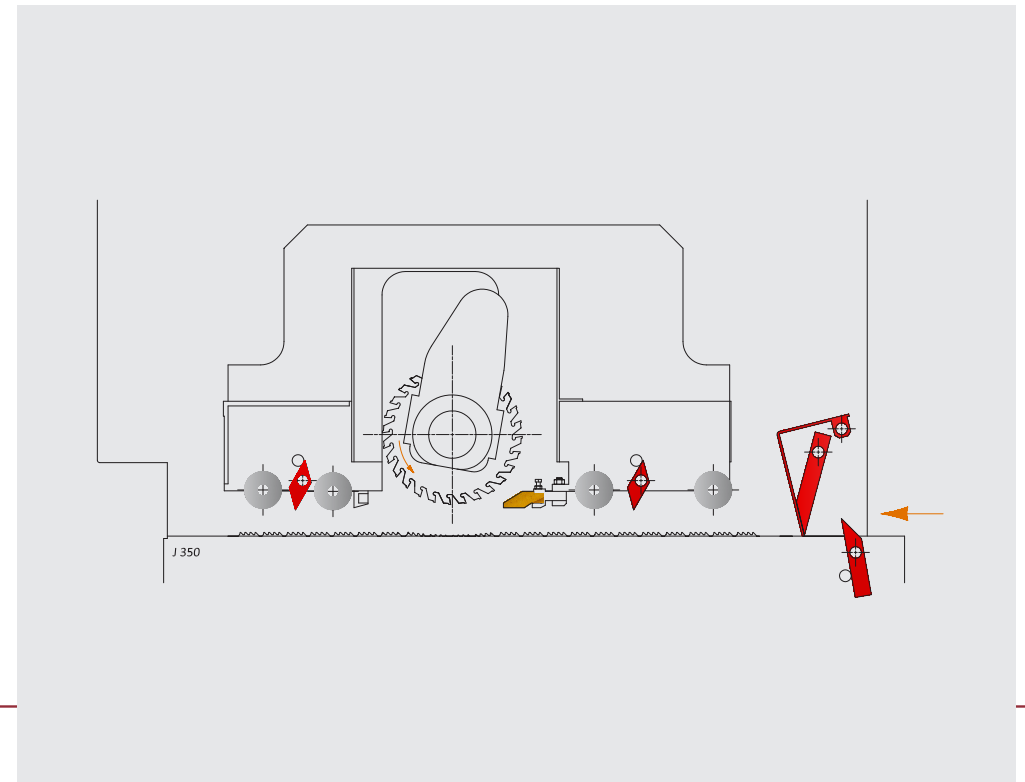
CUTTING DRAWING



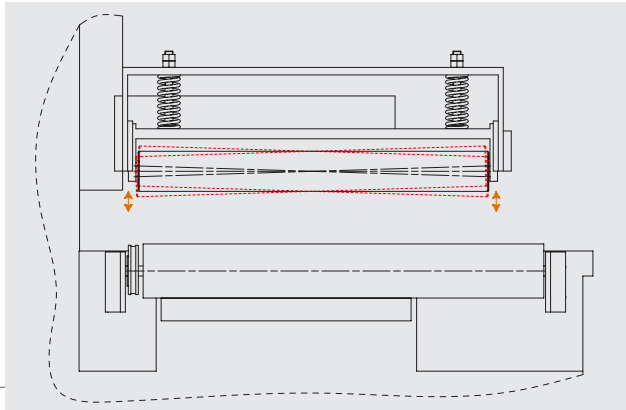


ANTI KICK BACK DRAWING

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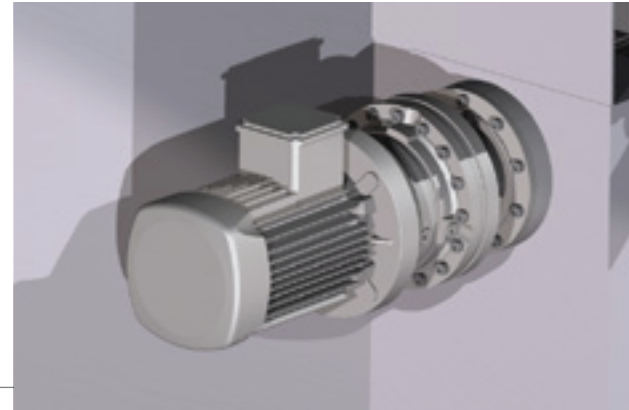


PRESSURE ROLLER



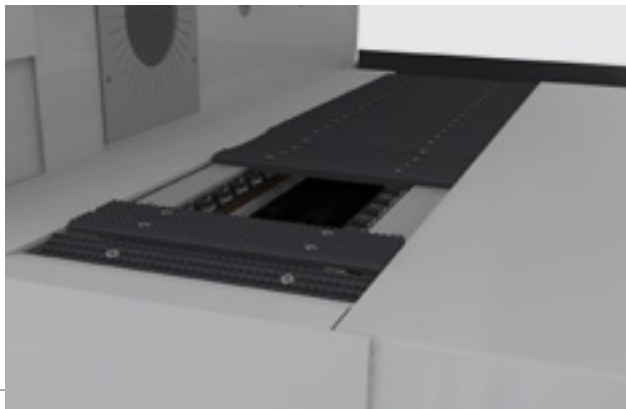
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MOTOR POWER TRANSMISSION



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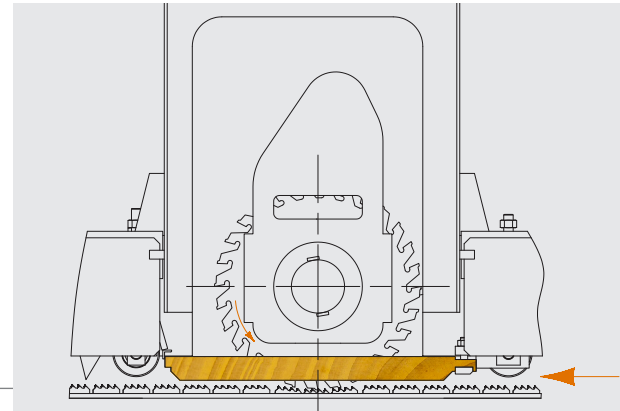
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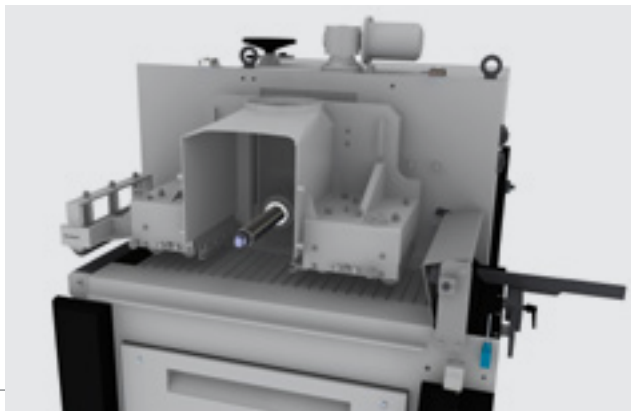
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LONG PRESSURE SHOE



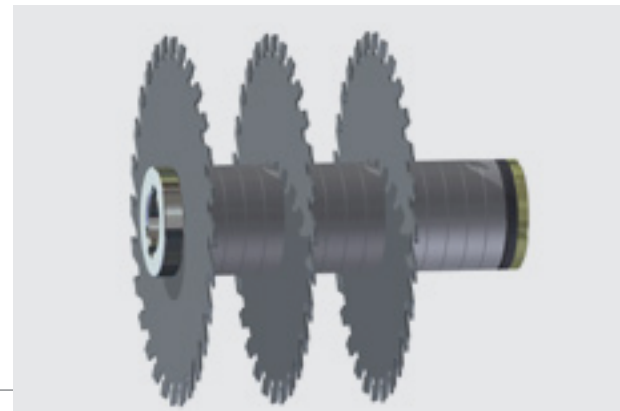
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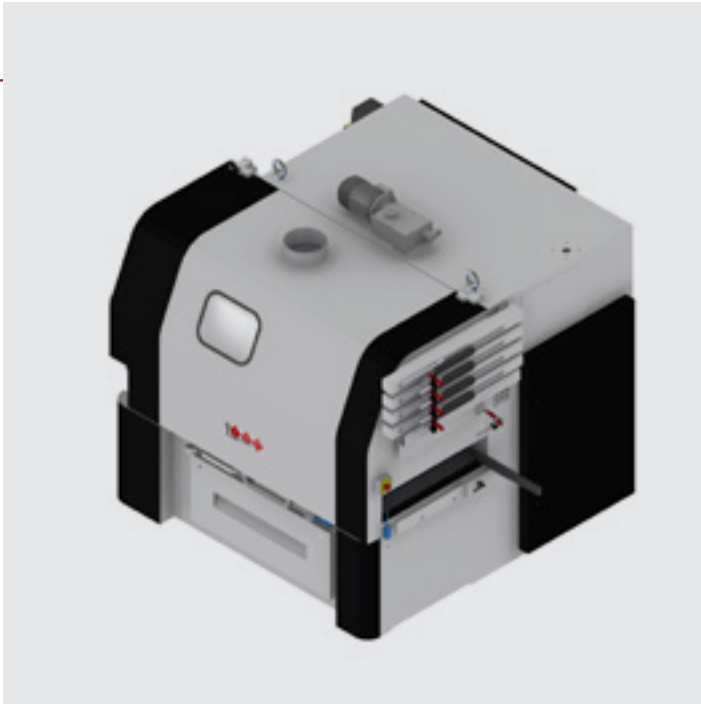
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FIXED SLEEVE

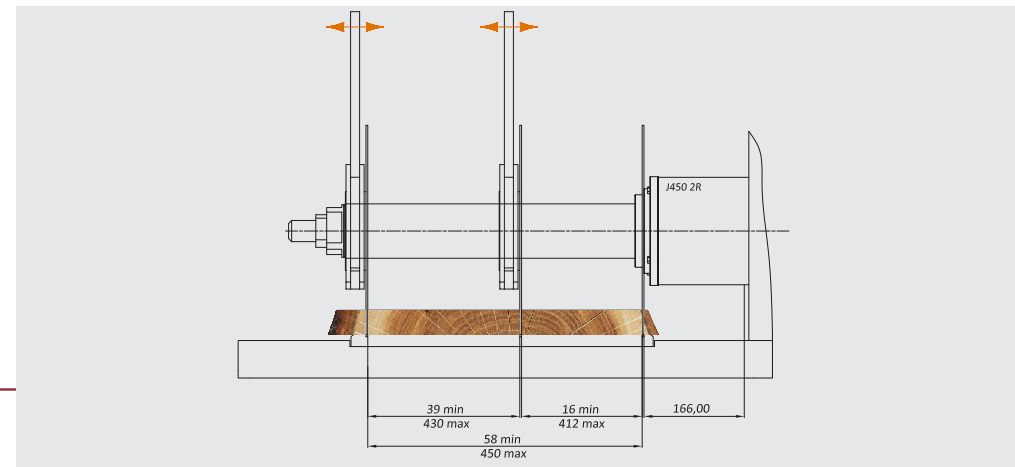
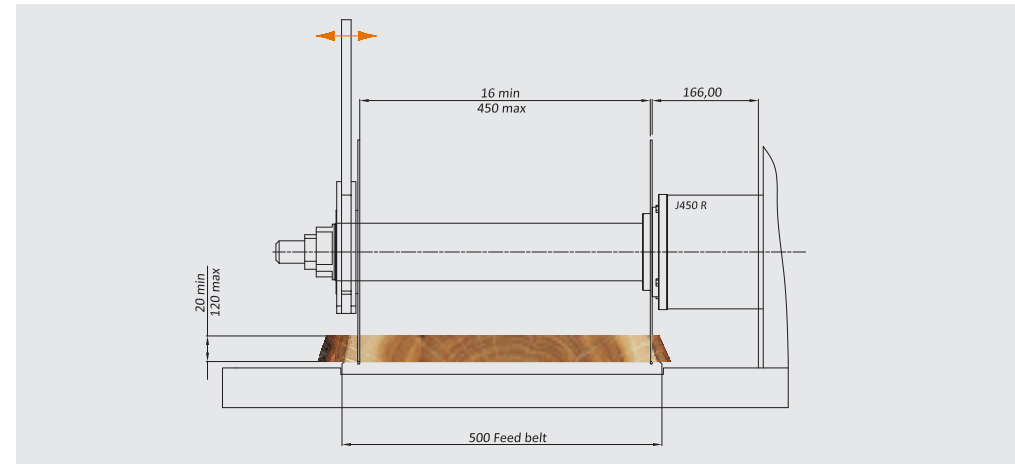


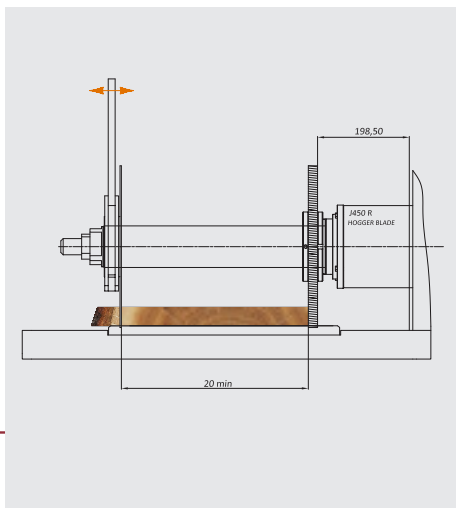
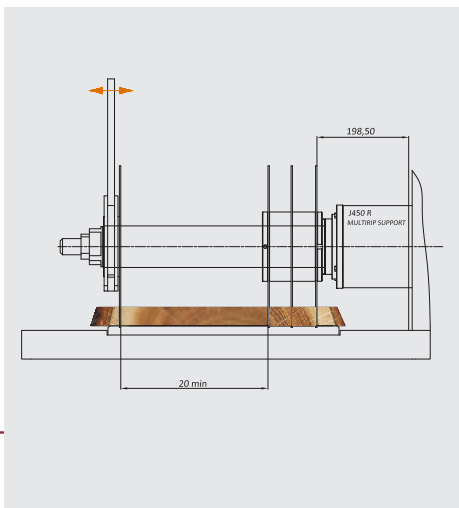
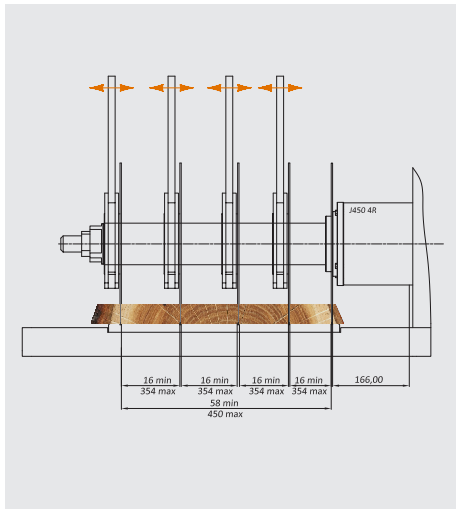
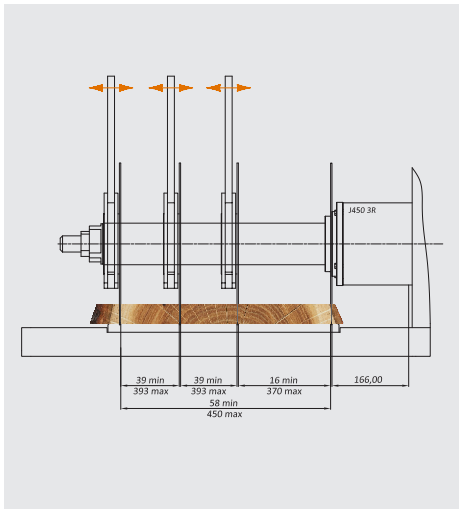
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J 450 R



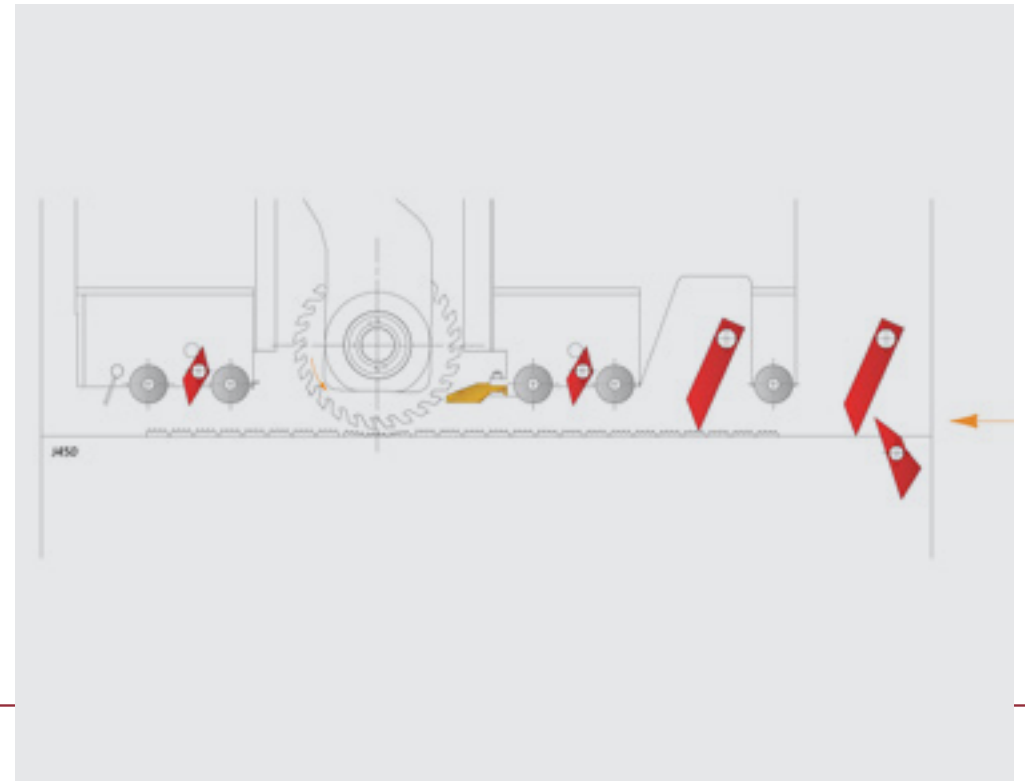
CUTTING DRAWING



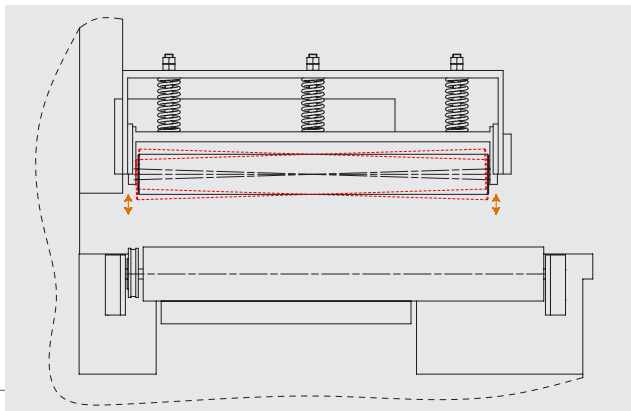


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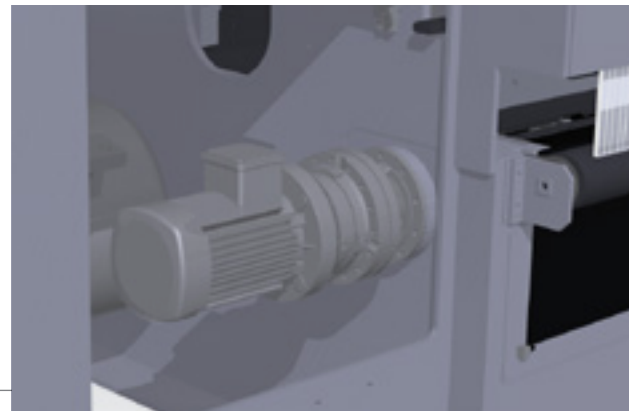


PRESSURE ROLLER



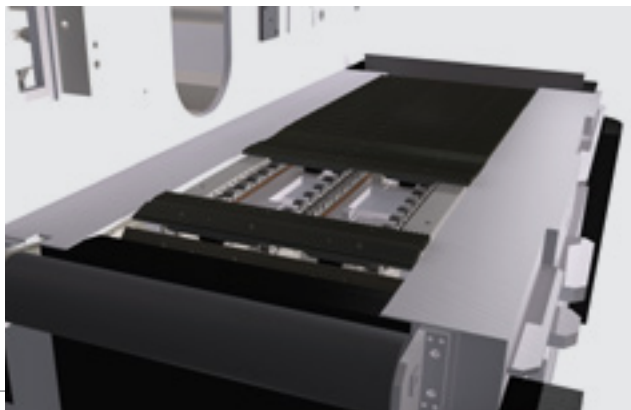
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FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

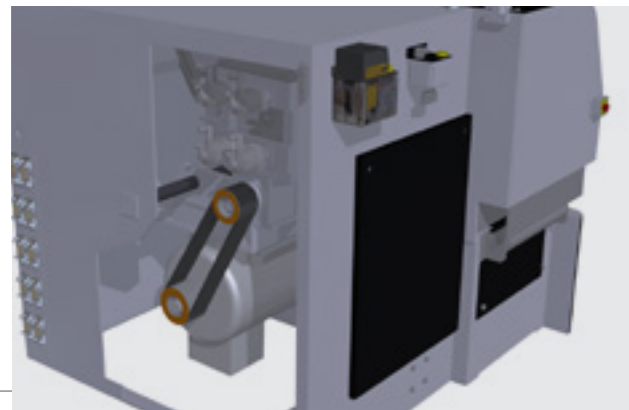
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

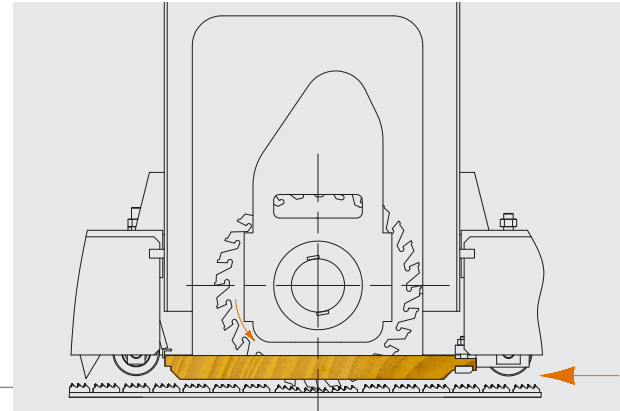
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



Machine lubrication is by a manual pump.

LONG PRESSURE SHOE



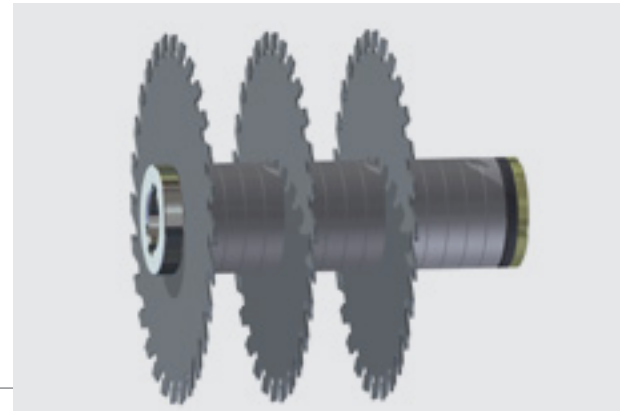
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

FIXED SLEEVE

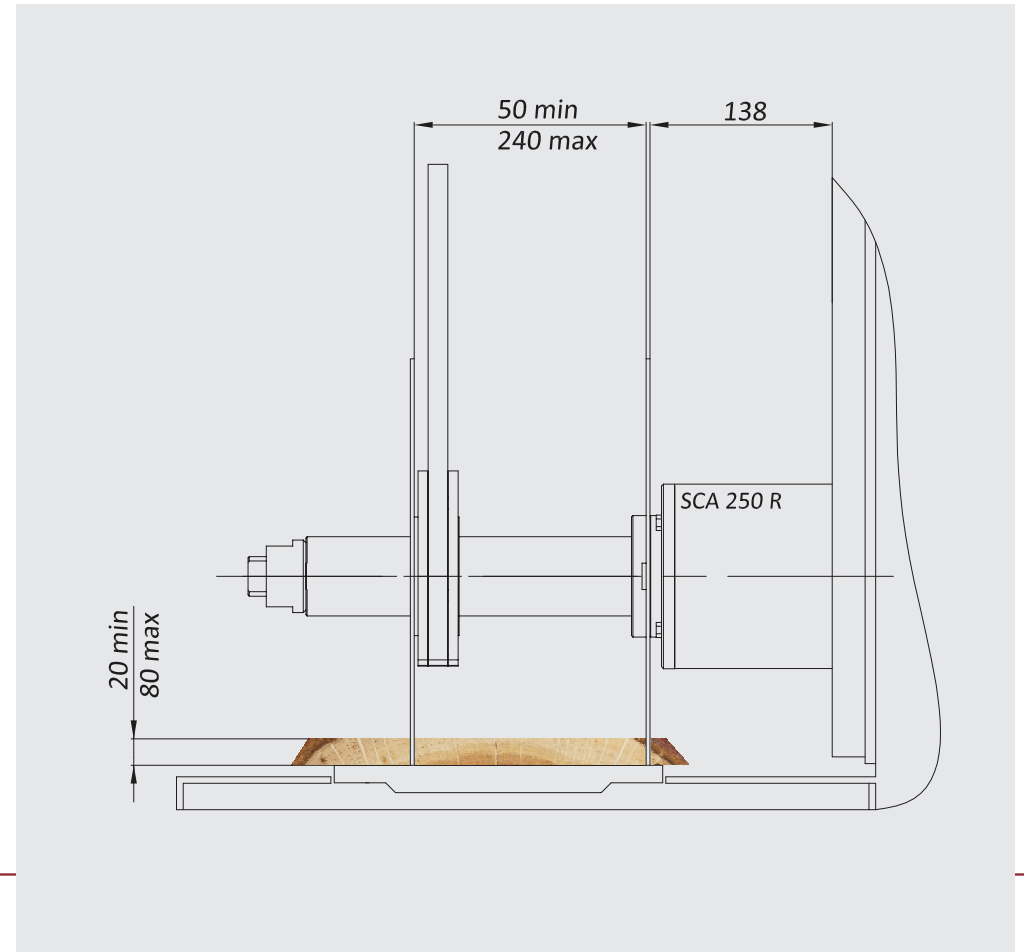


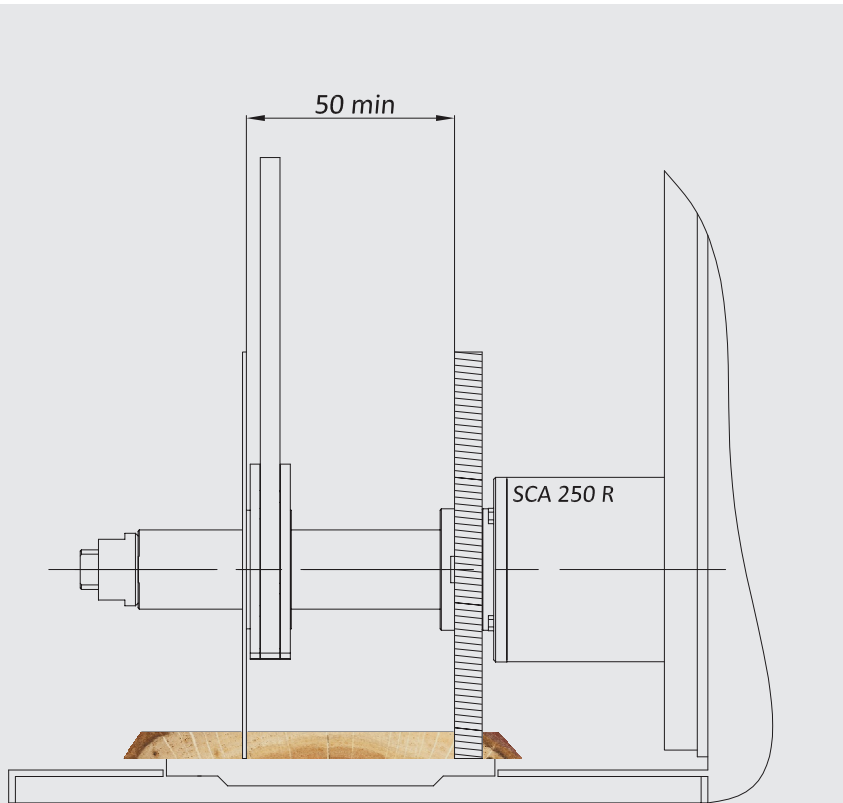
The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

SCA 220 R T250



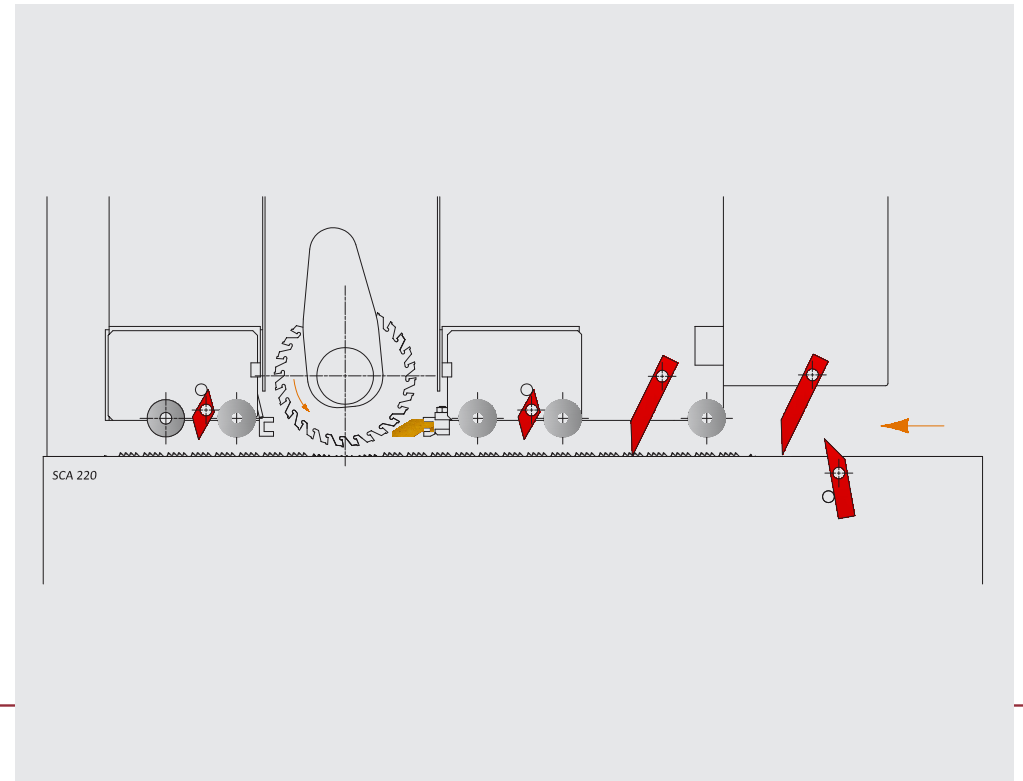
CUTTING DRAWING



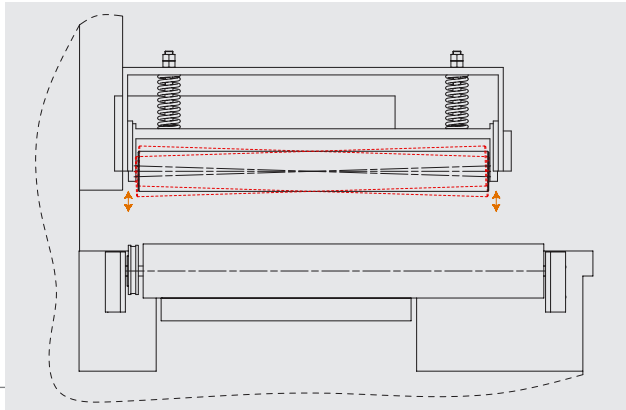


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 5 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

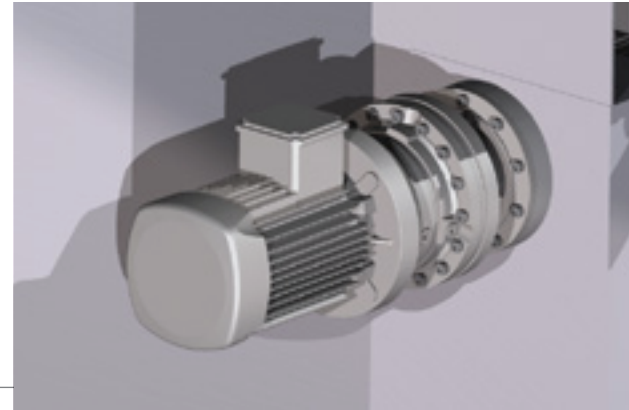


PRESSURE ROLLER



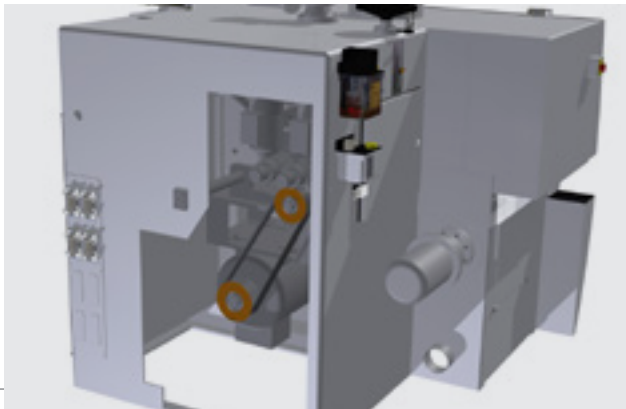
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

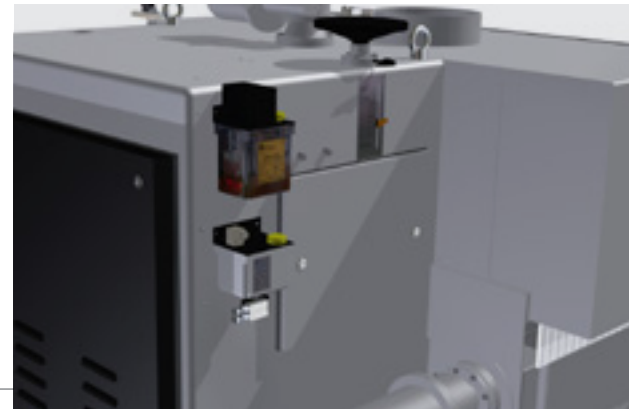
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

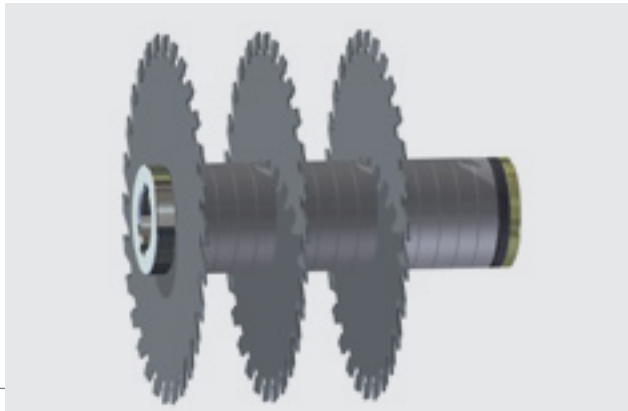
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



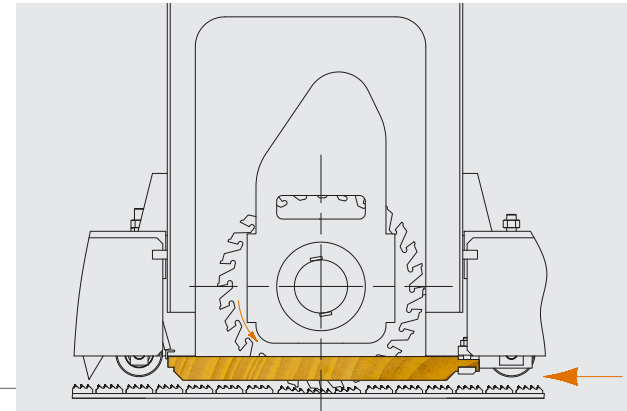
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting

FIXED SLEEVE



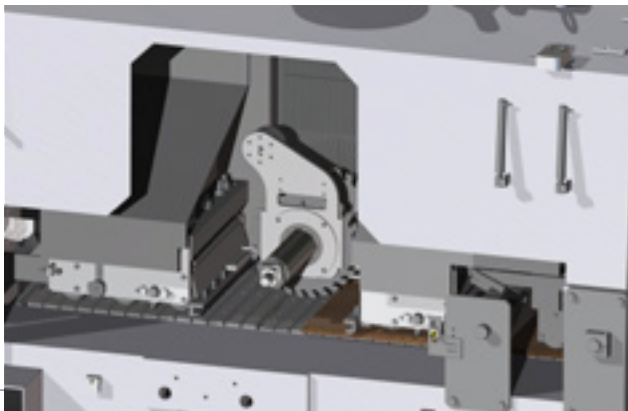
The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

LONG PRESSURE SHOE



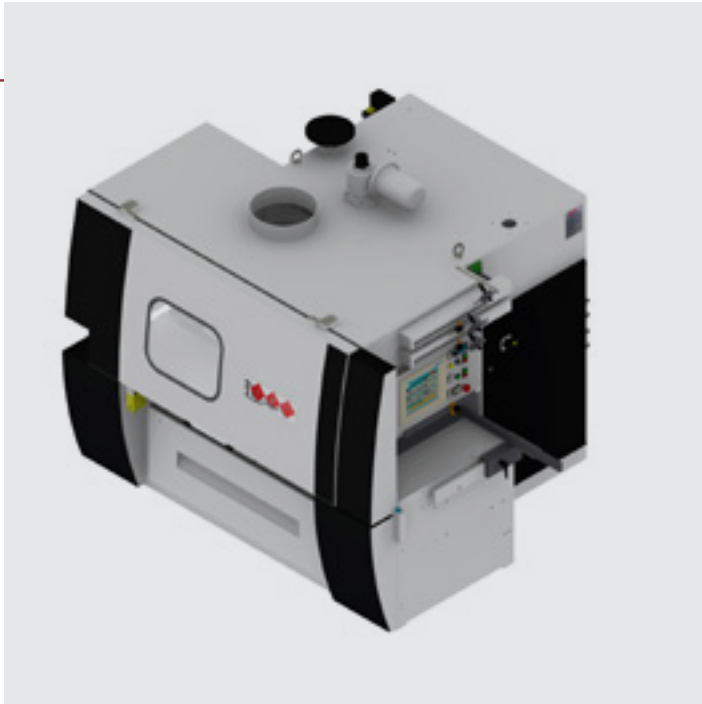
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE

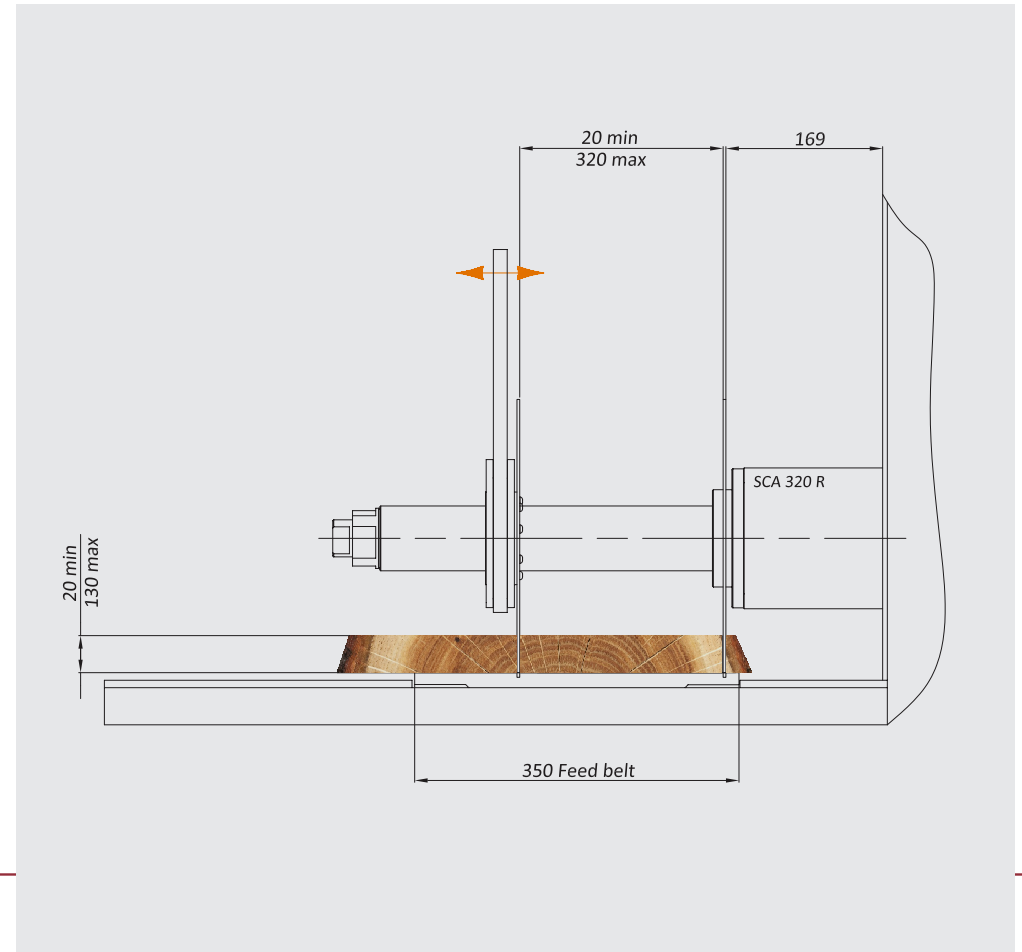


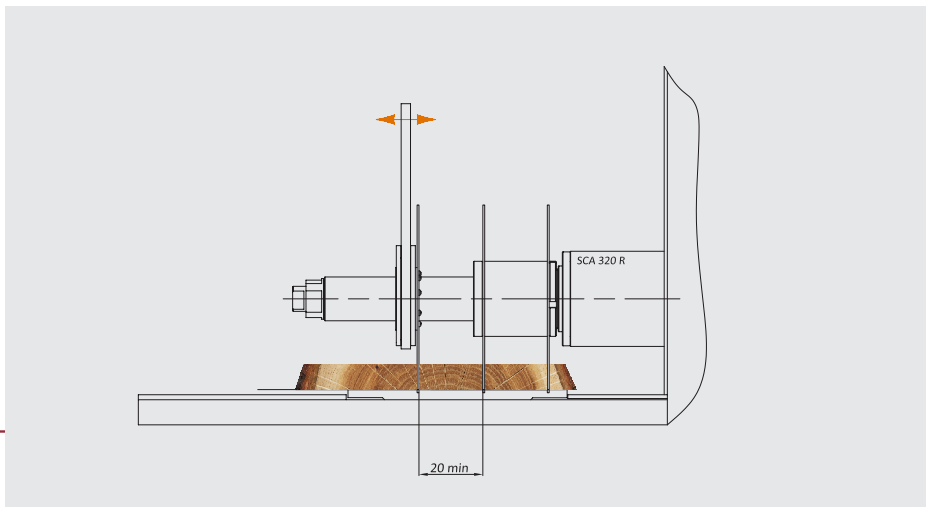
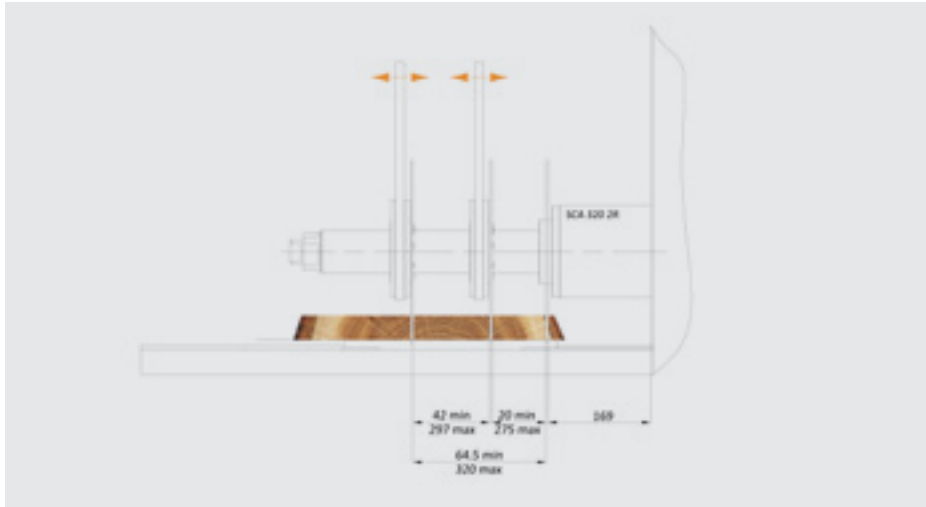
The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

SCA 320 R T350



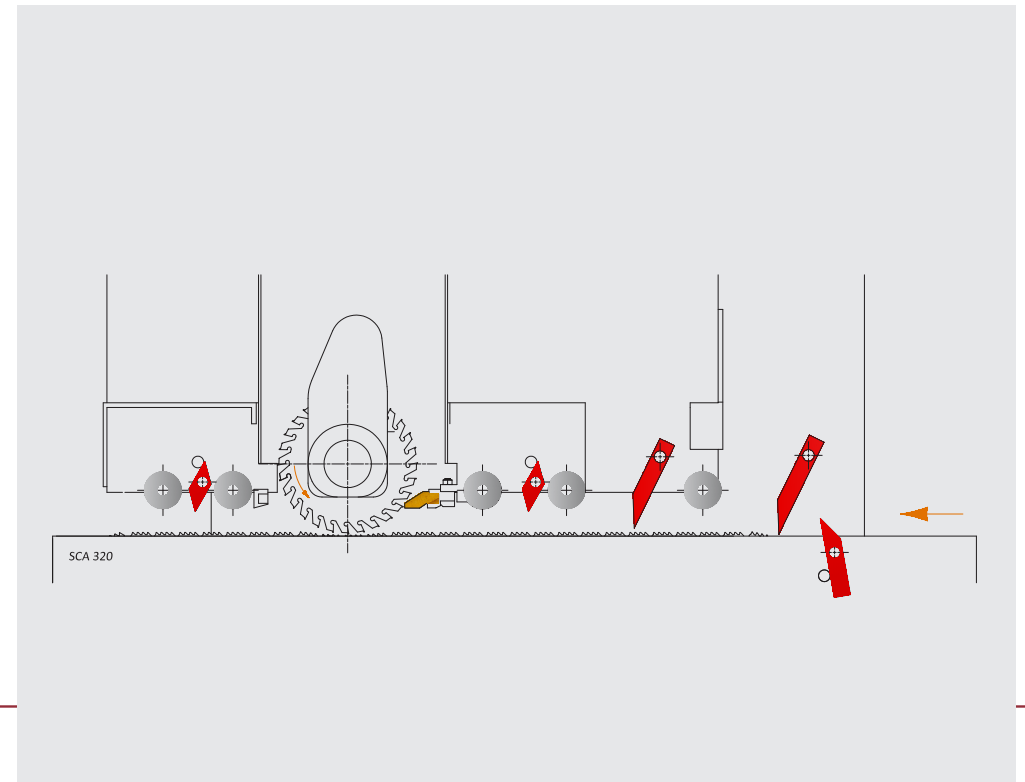
CUTTING DRAWING



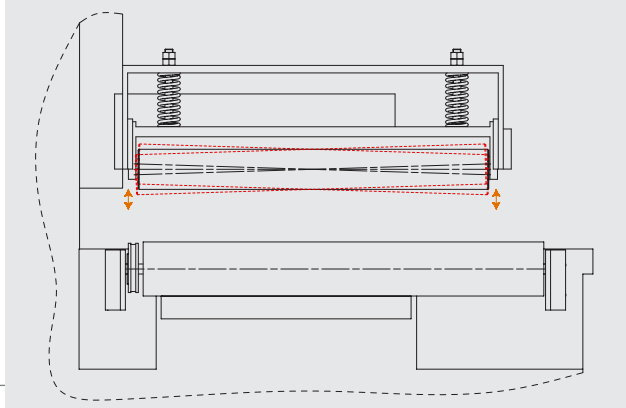


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 5 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

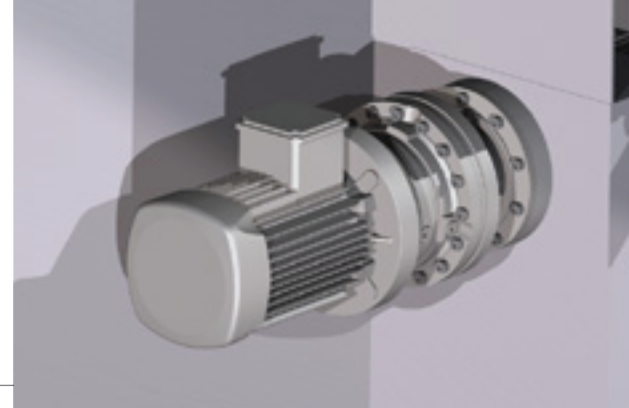


PRESSURE ROLLER



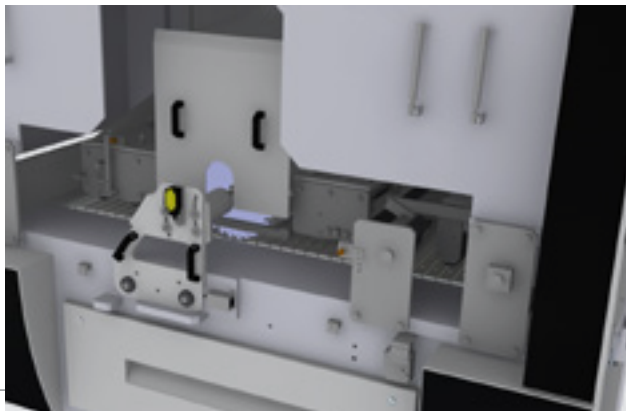
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

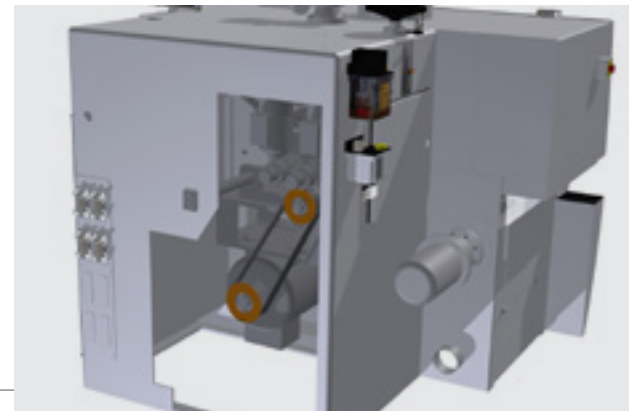
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

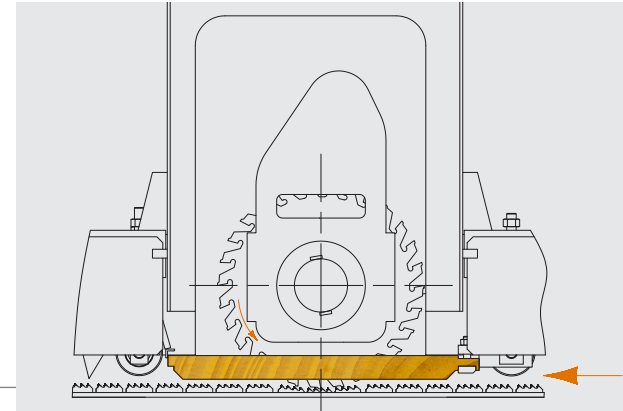
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



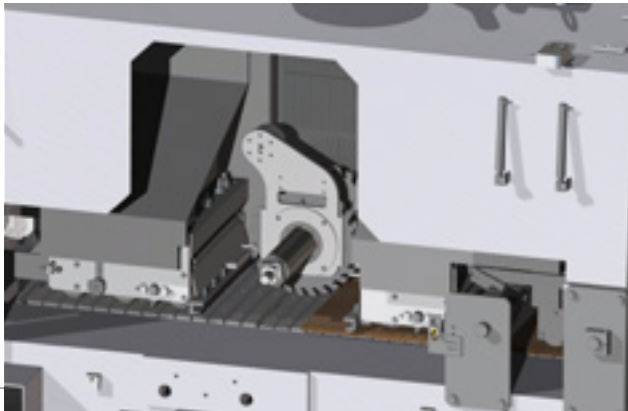
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting

LONG PRESSURE SHOE



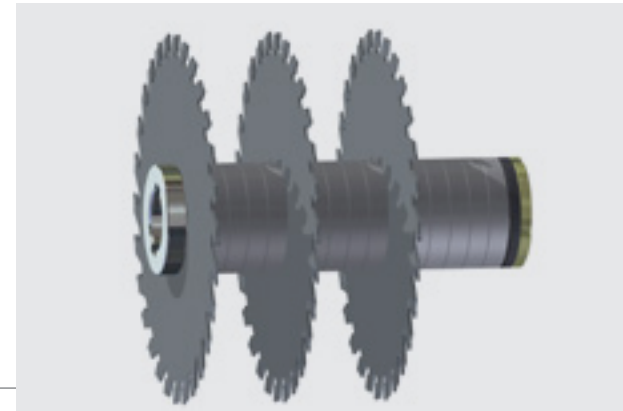
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE



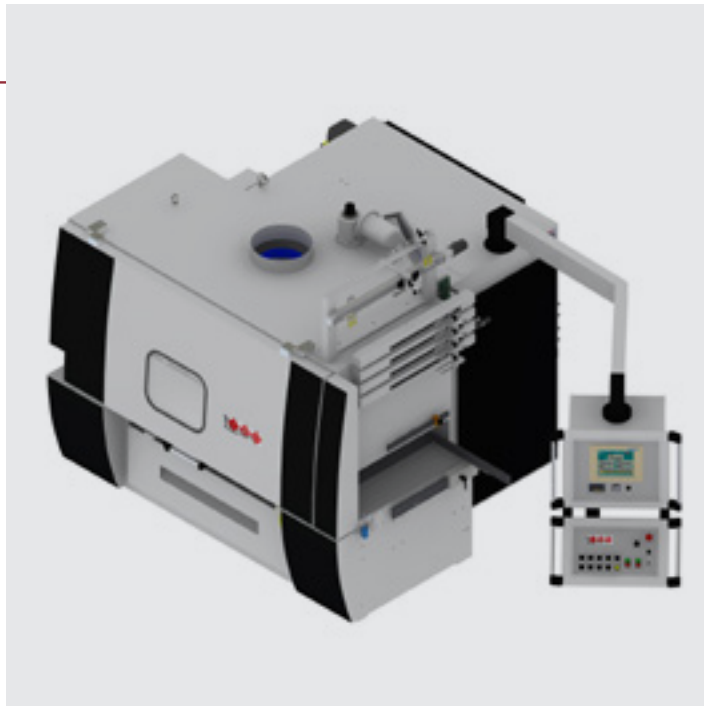
The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

FIXED SLEEVE

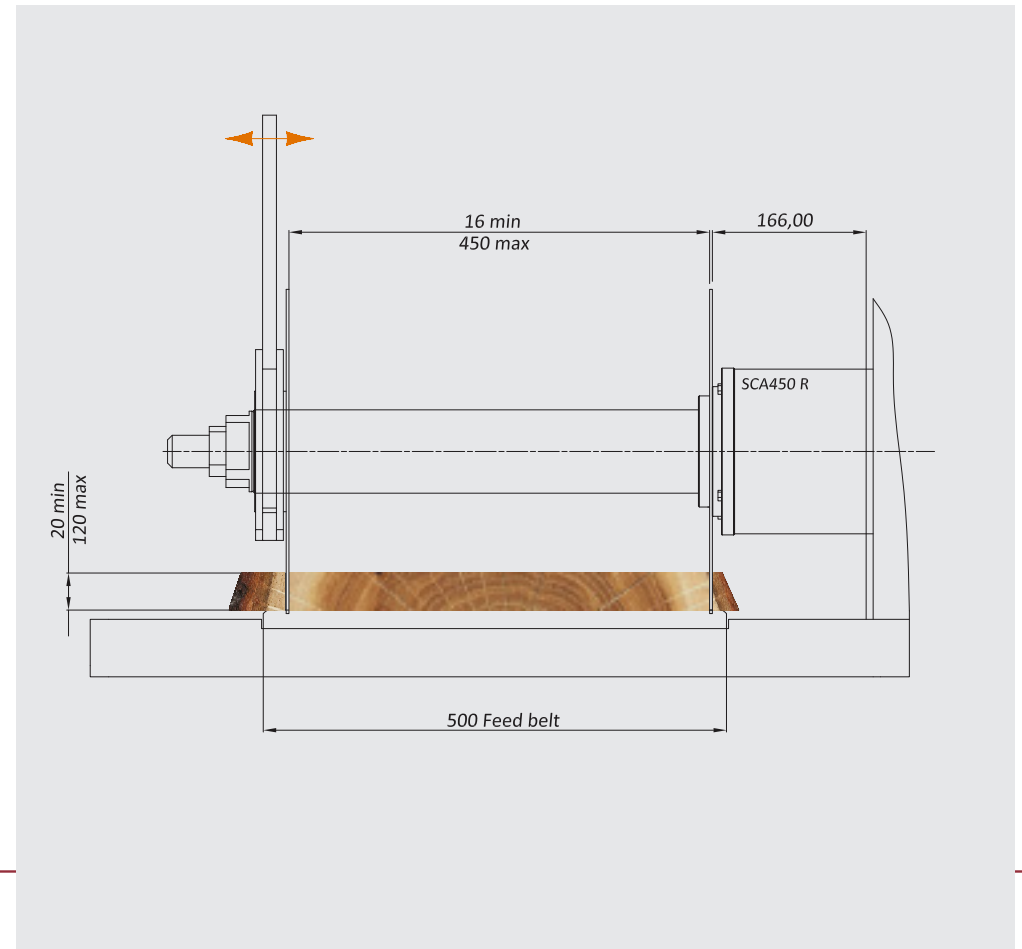


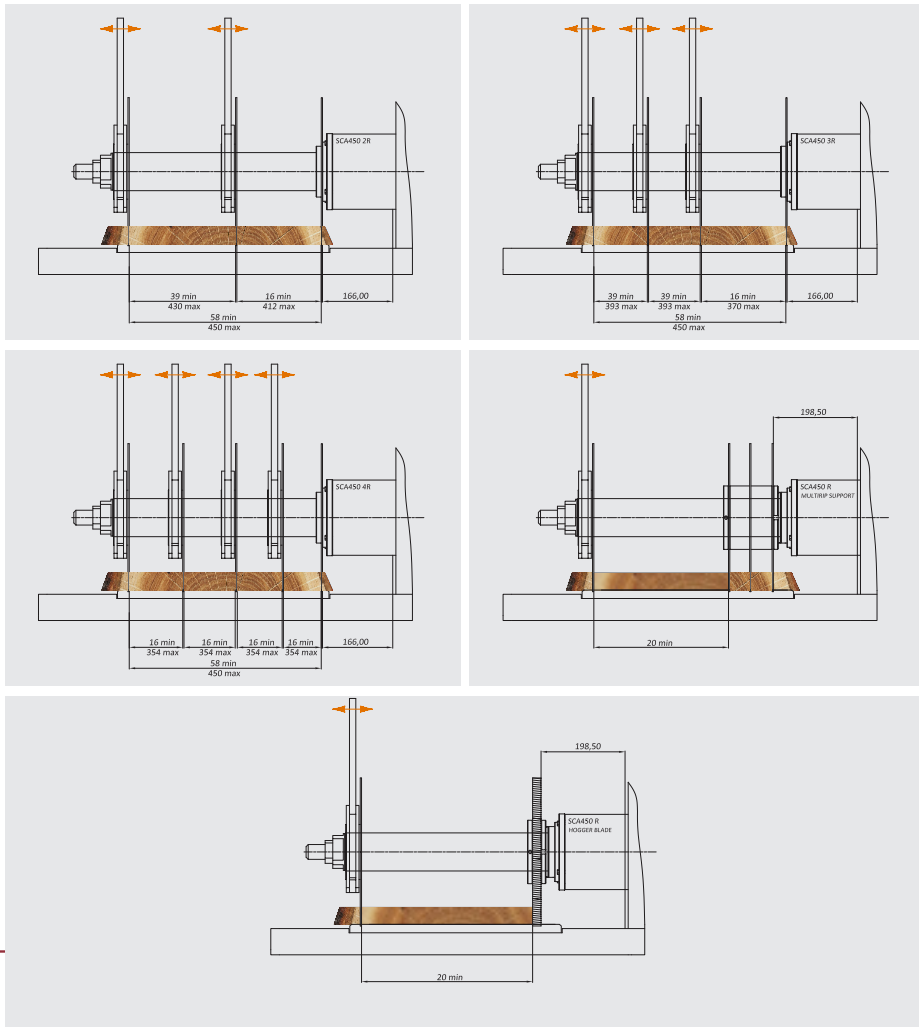
The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

SCA 450 R T500



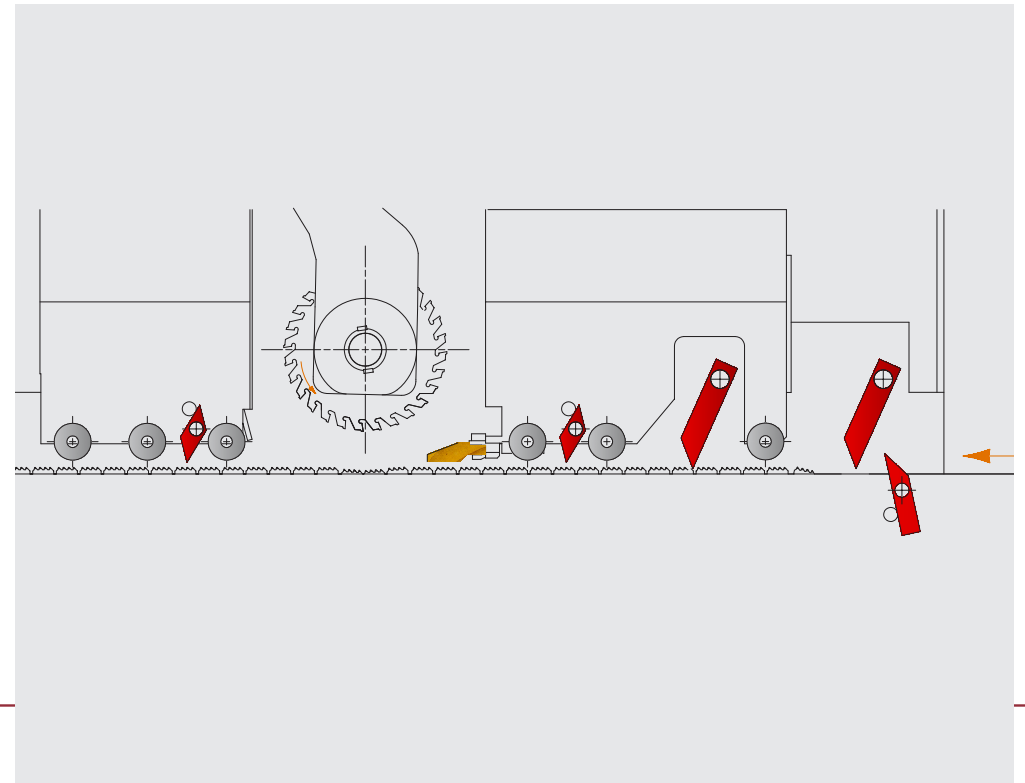
CUTTING DRAWING



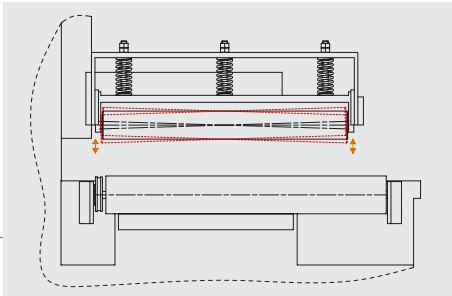


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 6 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

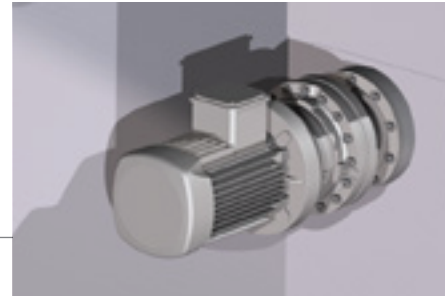


PRESSURE ROLLER



The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

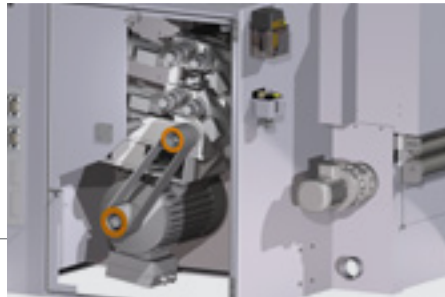
FEEDING TRACK CHAIN



The feed belt runs along 3 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

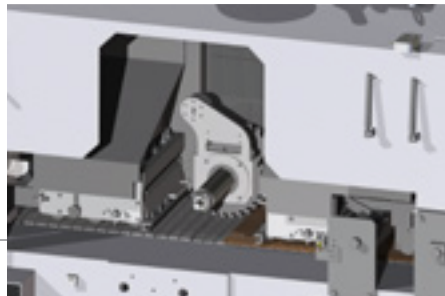
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



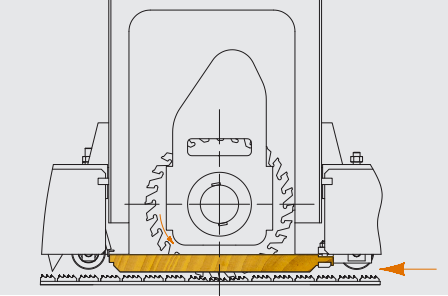
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

LONG PRESSURE SHOE



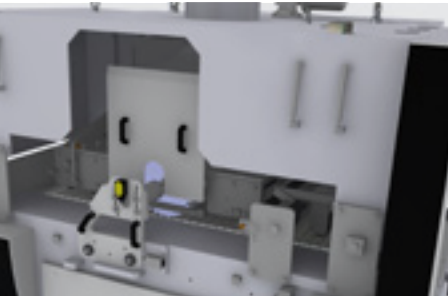
The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

FIXED SLEEVE

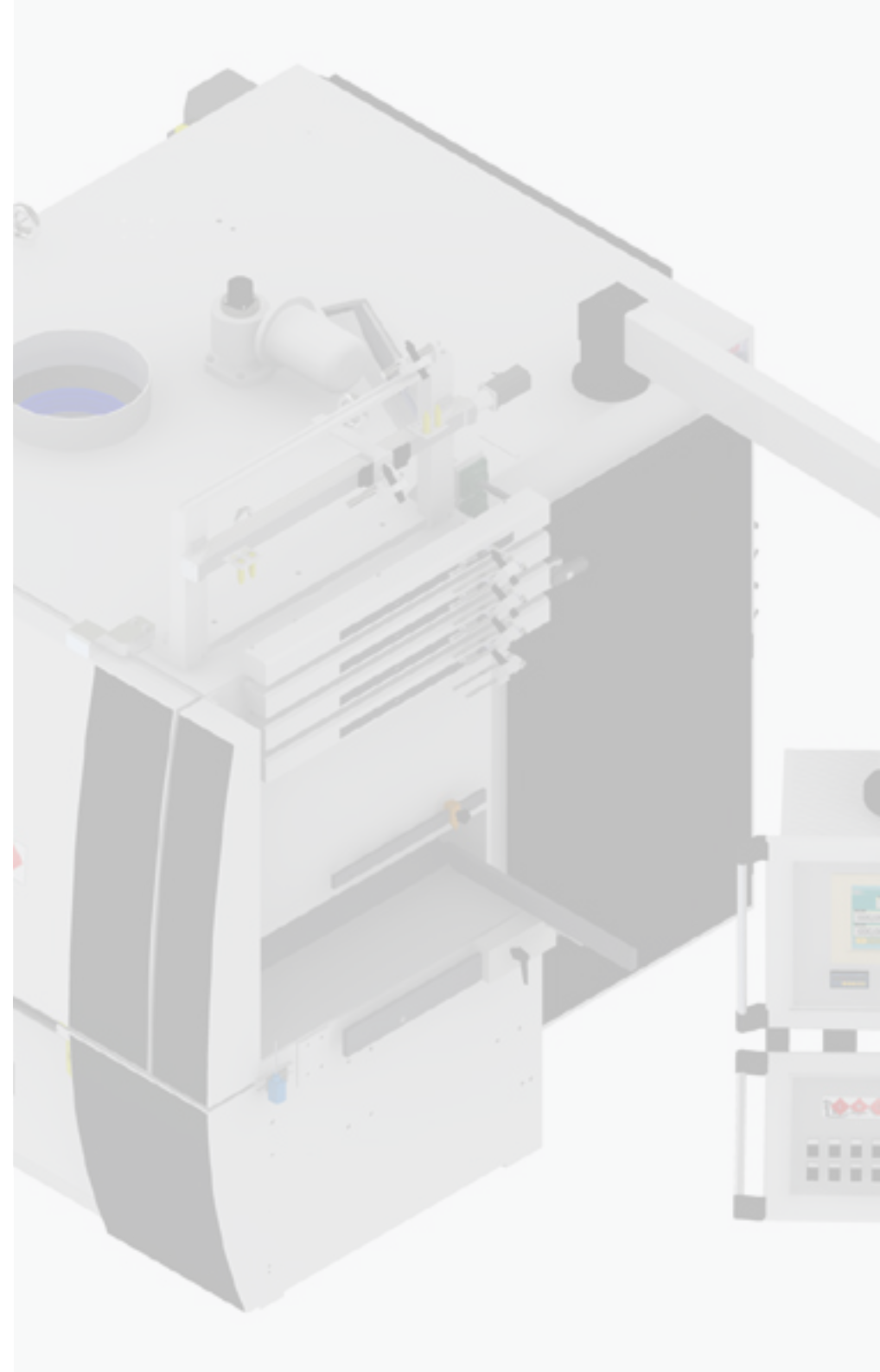


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

MAIN SPINDLE HEADS' SUPPORT



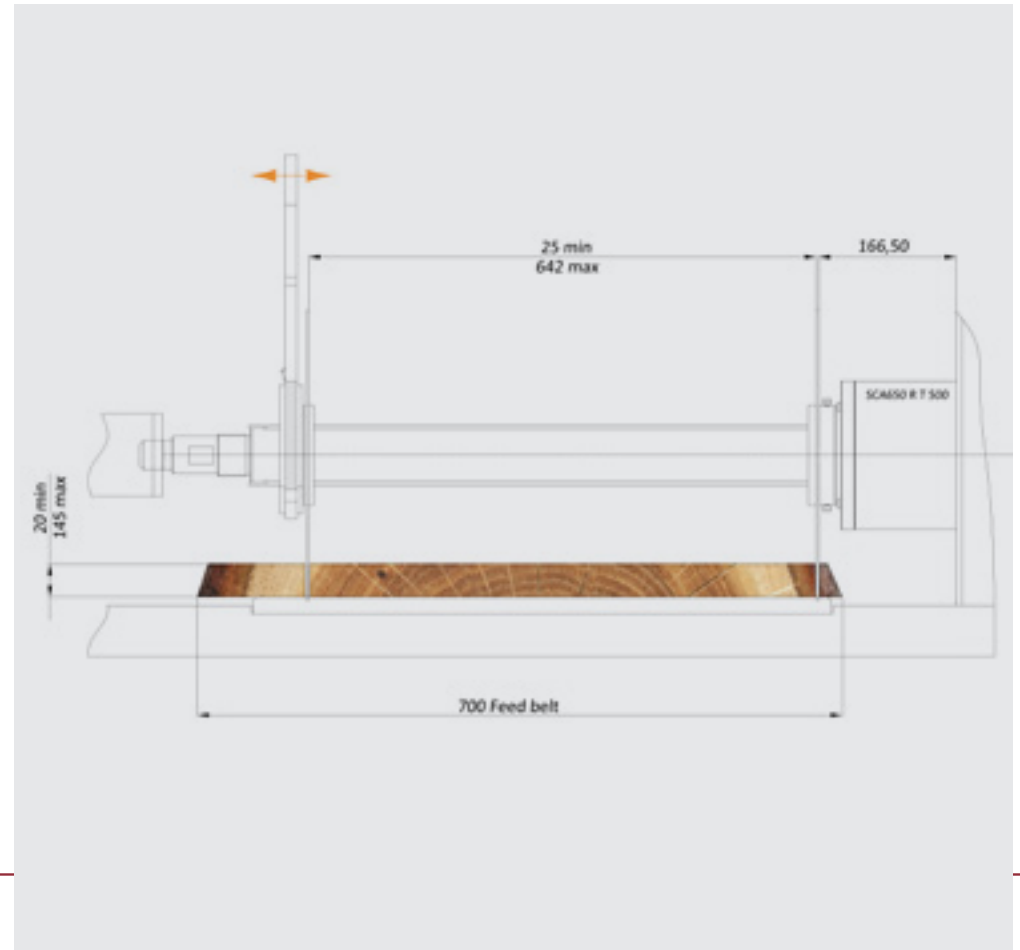
The ball-bearing support offers further stability to the spindle which is already oversized.

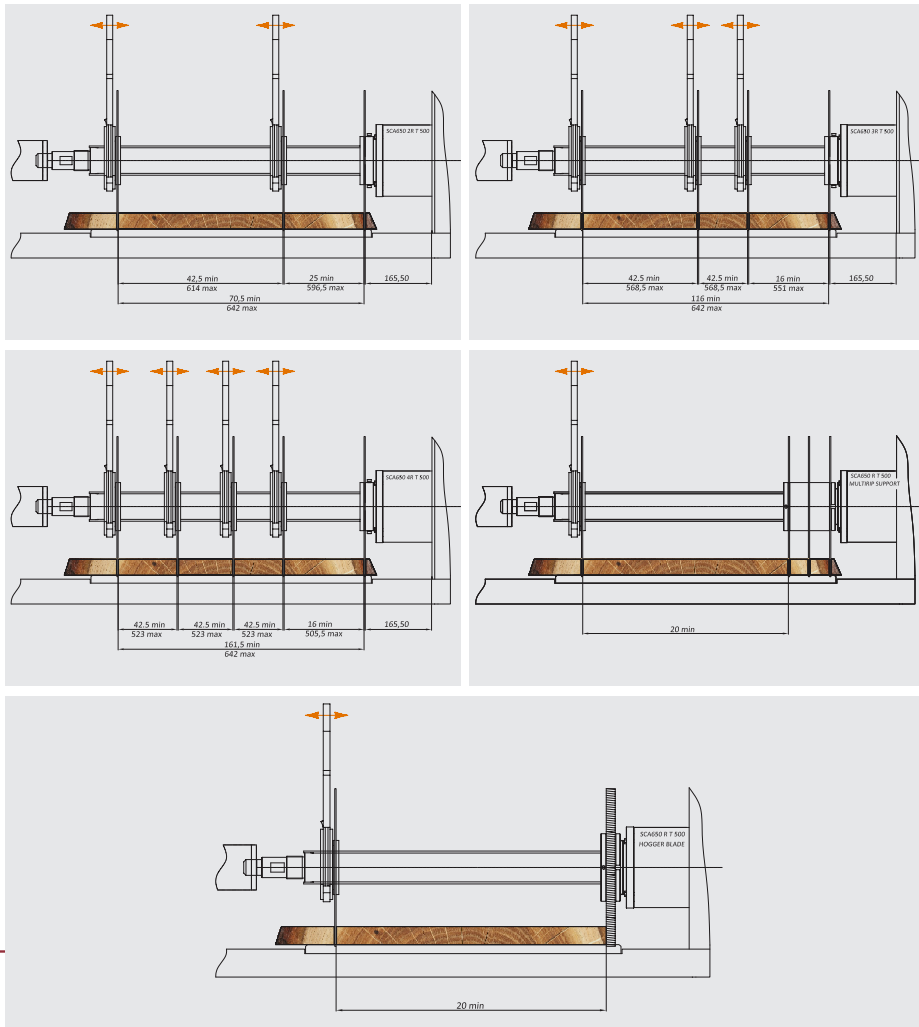


SCA 650 R T700



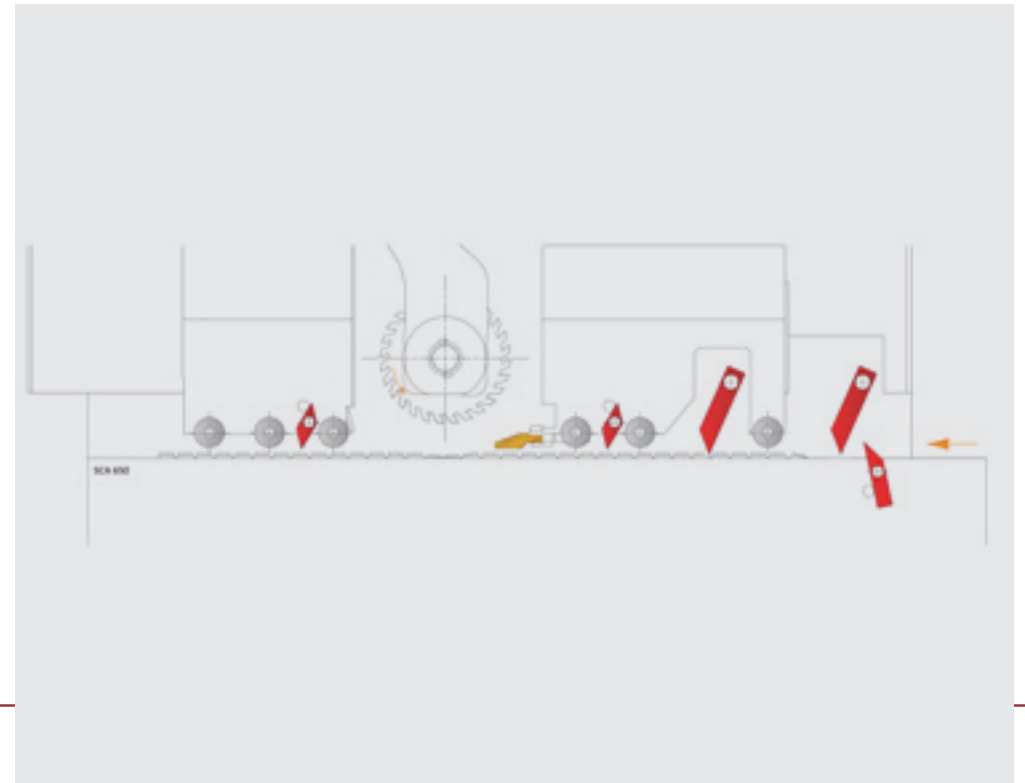
CUTTING DRAWING



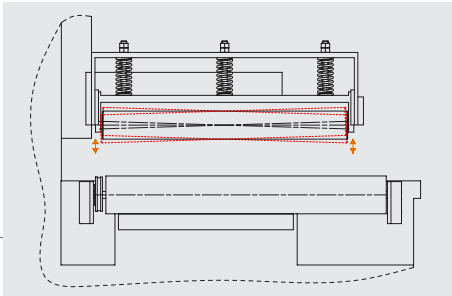


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 6 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (TWO of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

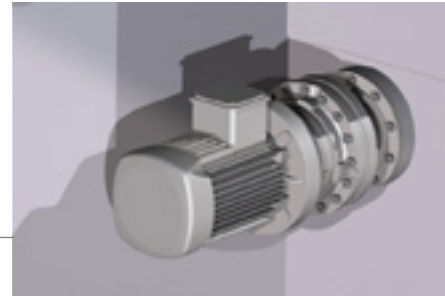


PRESSURE ROLLER



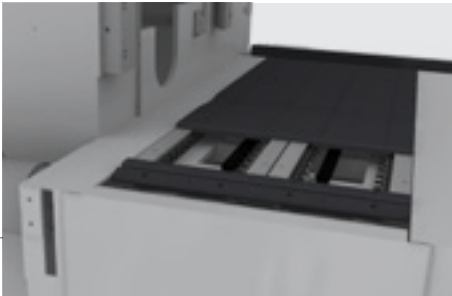
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

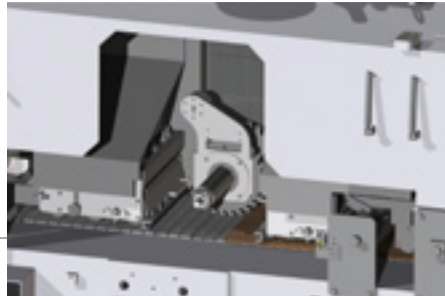
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



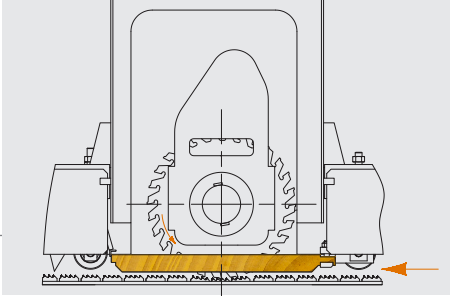
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

LONG PRESSURE SHOE



The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

FIXED SLEEVE



The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

MAIN SPINDLE HEADS' SUPPORT



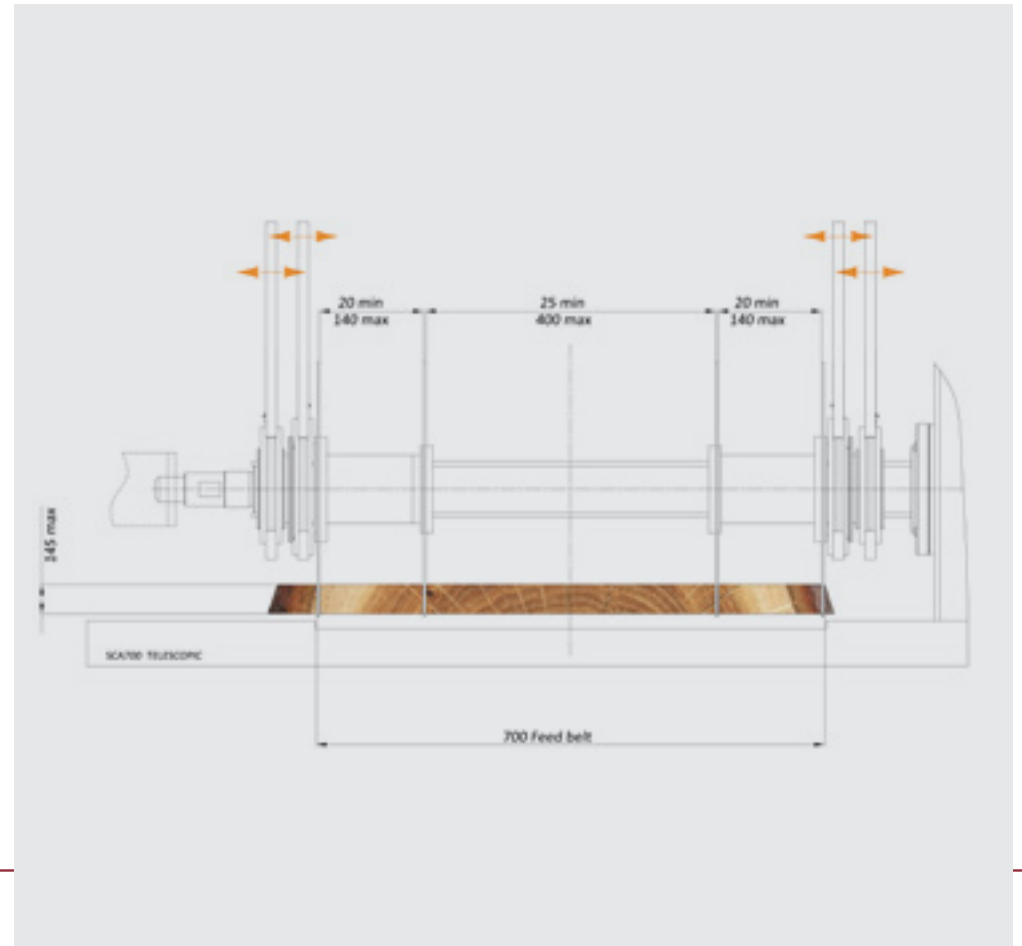
The ball-bearing support offers further stability to the spindle which is already oversized.



SCA 700 TELESCOPIC

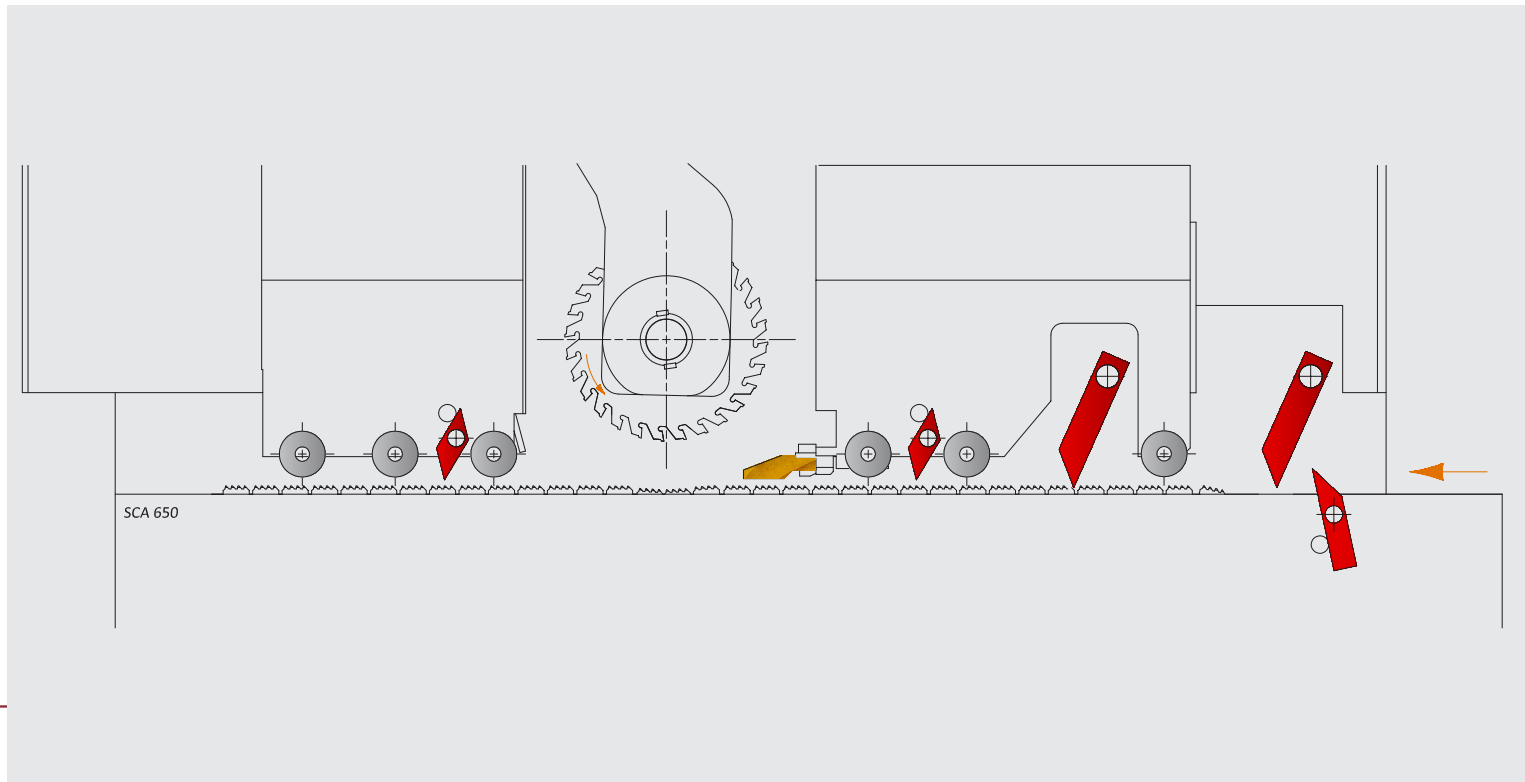


CUTTING DRAWING

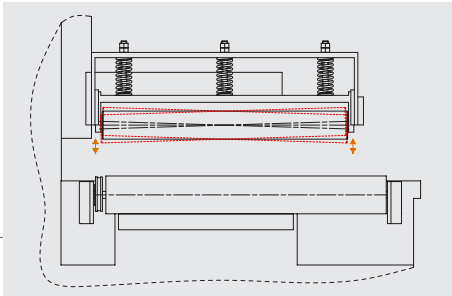


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 6 independent hold-down rolls. The splinterproof system consists of steel fingers distributed on 4 top rows (TWO of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

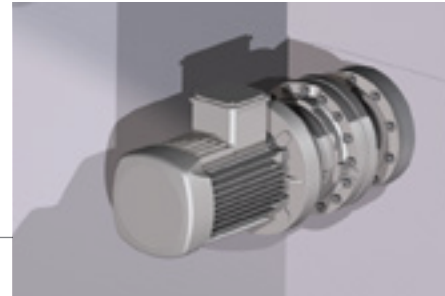


PRESSURE ROLLER



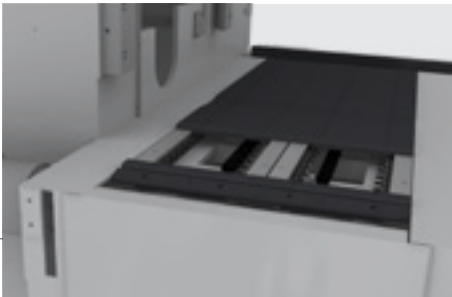
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



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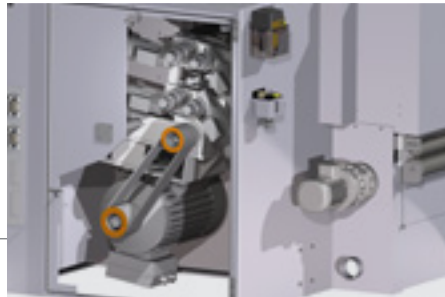
FEEDING TRACK CHAIN



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- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

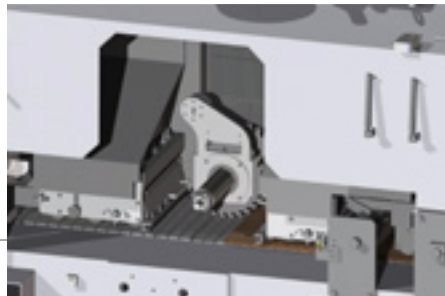
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



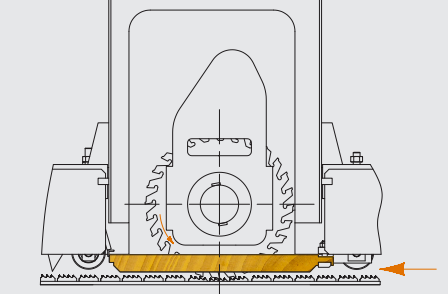
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

MAIN SPINDLE



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LONG PRESSURE SHOE



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FIXED SLEEVE

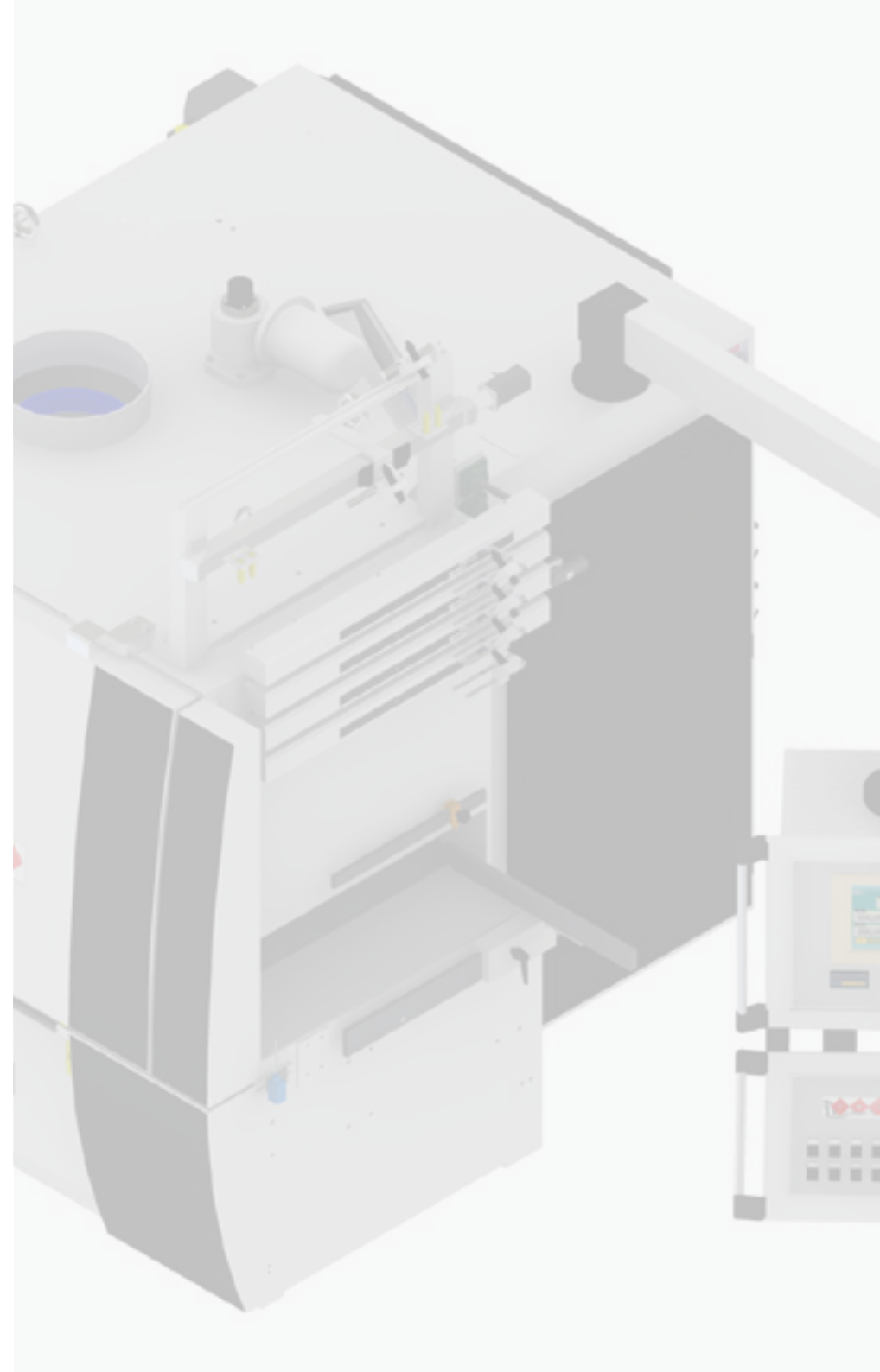


The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

MAIN SPINDLE HEADS' SUPPORT



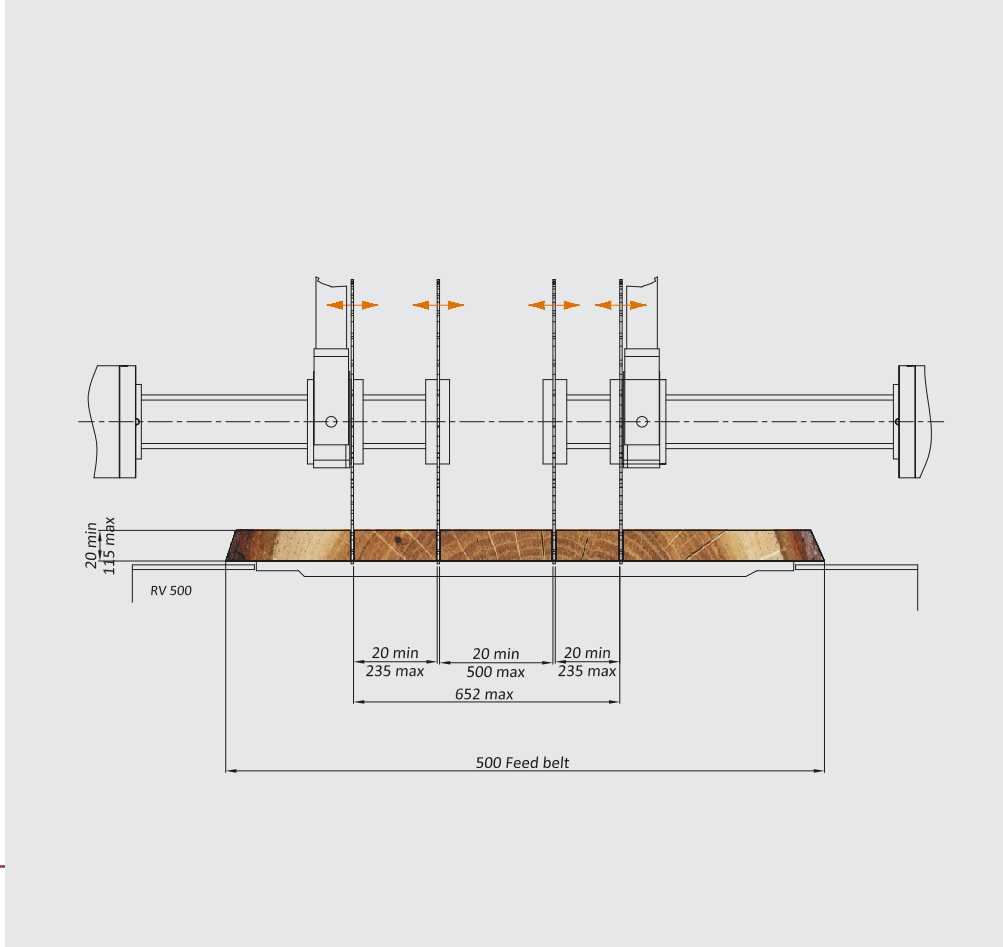
The ball-bearing support offers further stability to the spindle which is already oversized.



RV 500

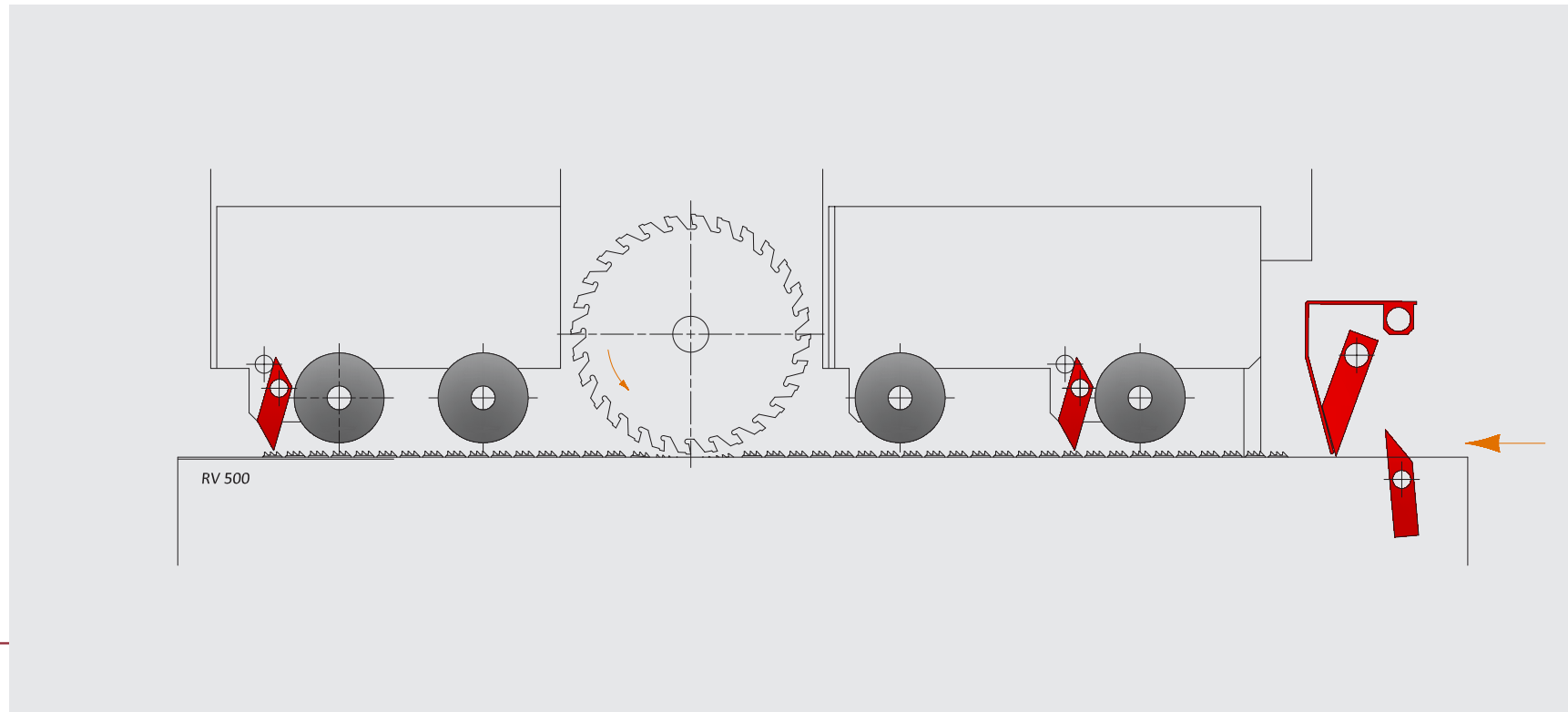


CUTTING DRAWING

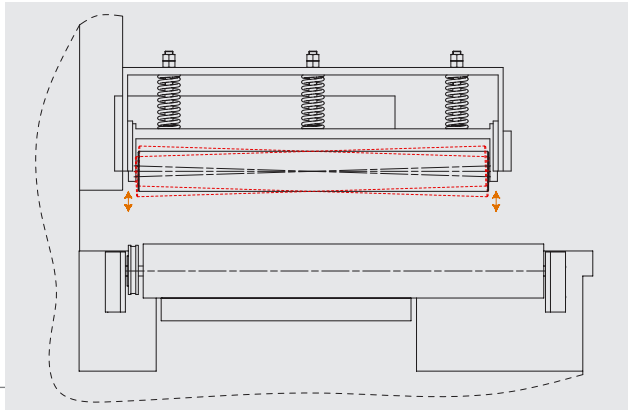


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 4 independent HYDRAULIC hold-down rolls. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.



PRESSURE ROLLER



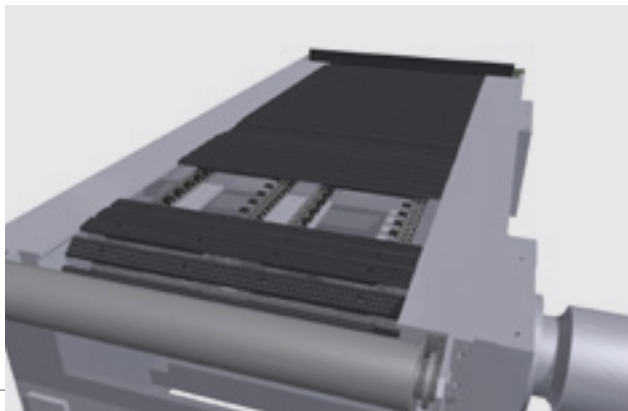
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

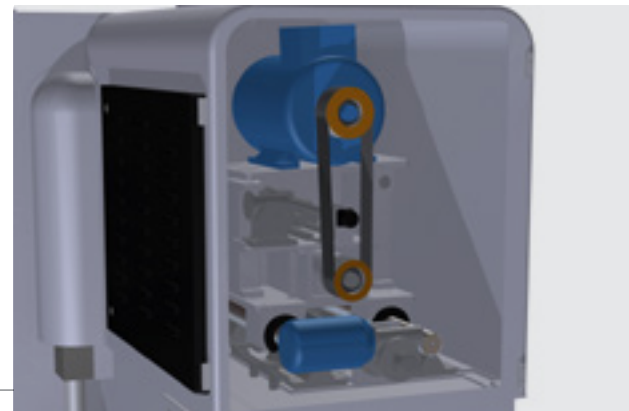
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

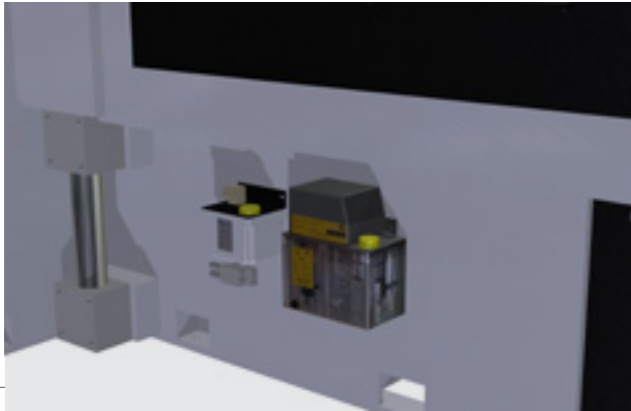
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

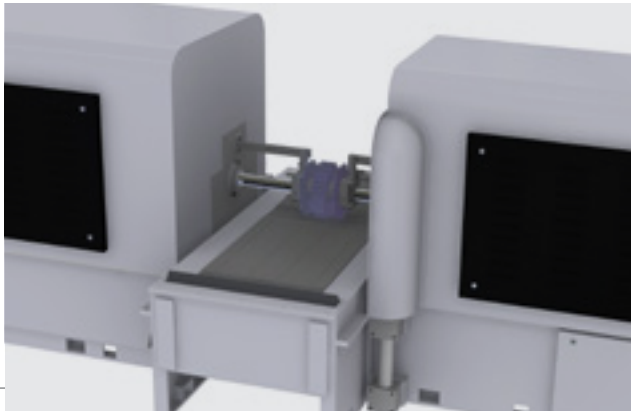
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

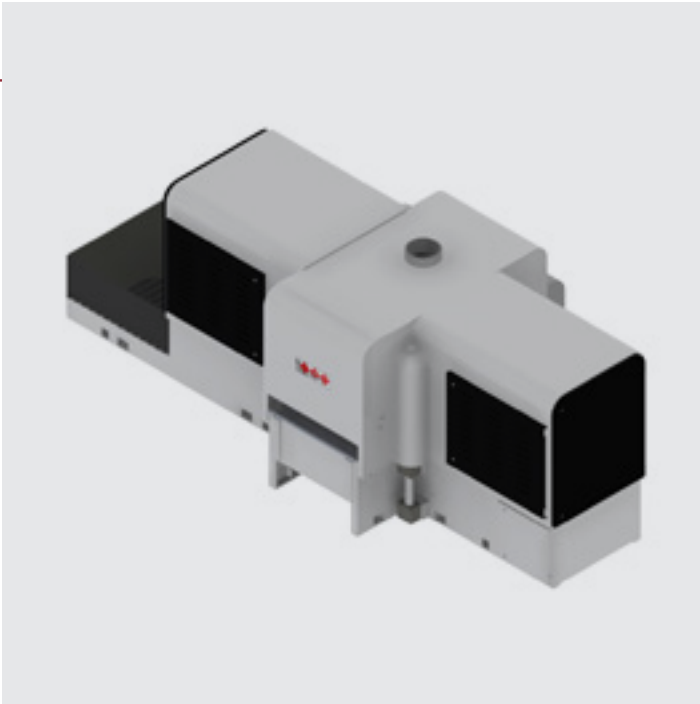
MAIN SPINDLE



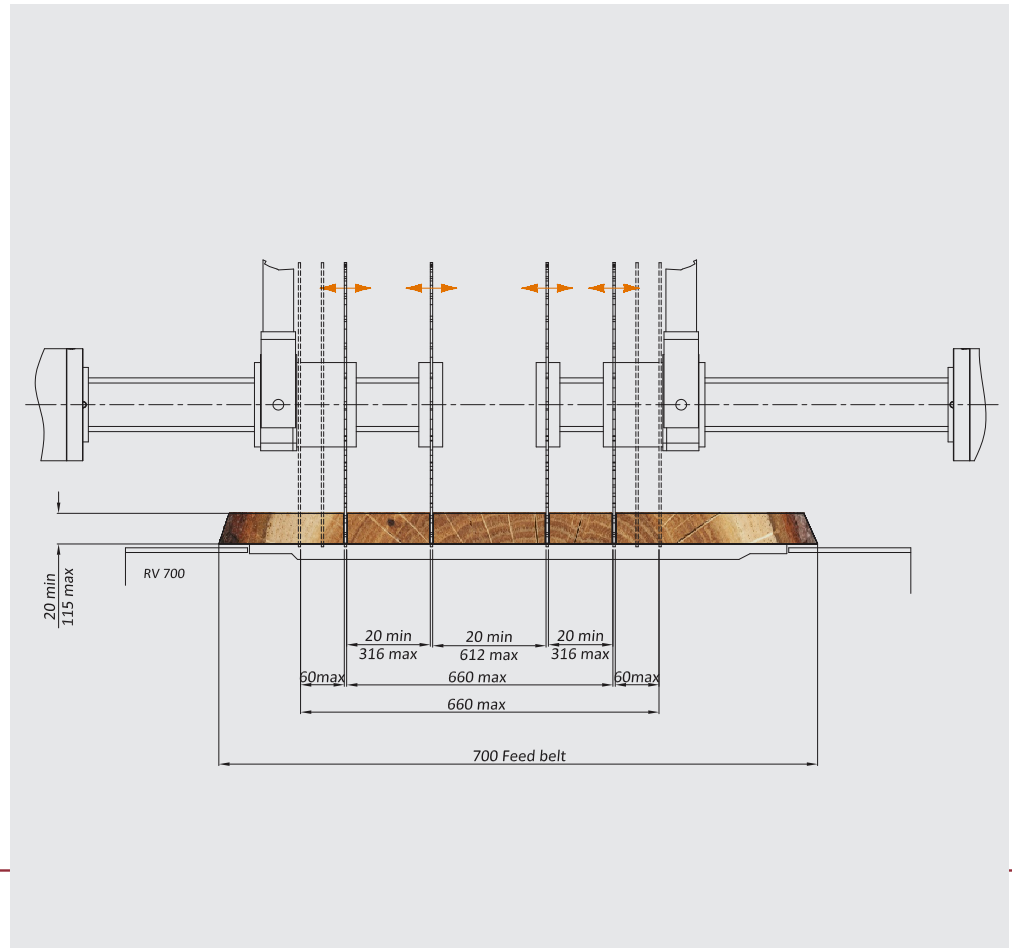
The surface treatment of the spindle ensures perfect running of the moving blade and long working life.



RV 700

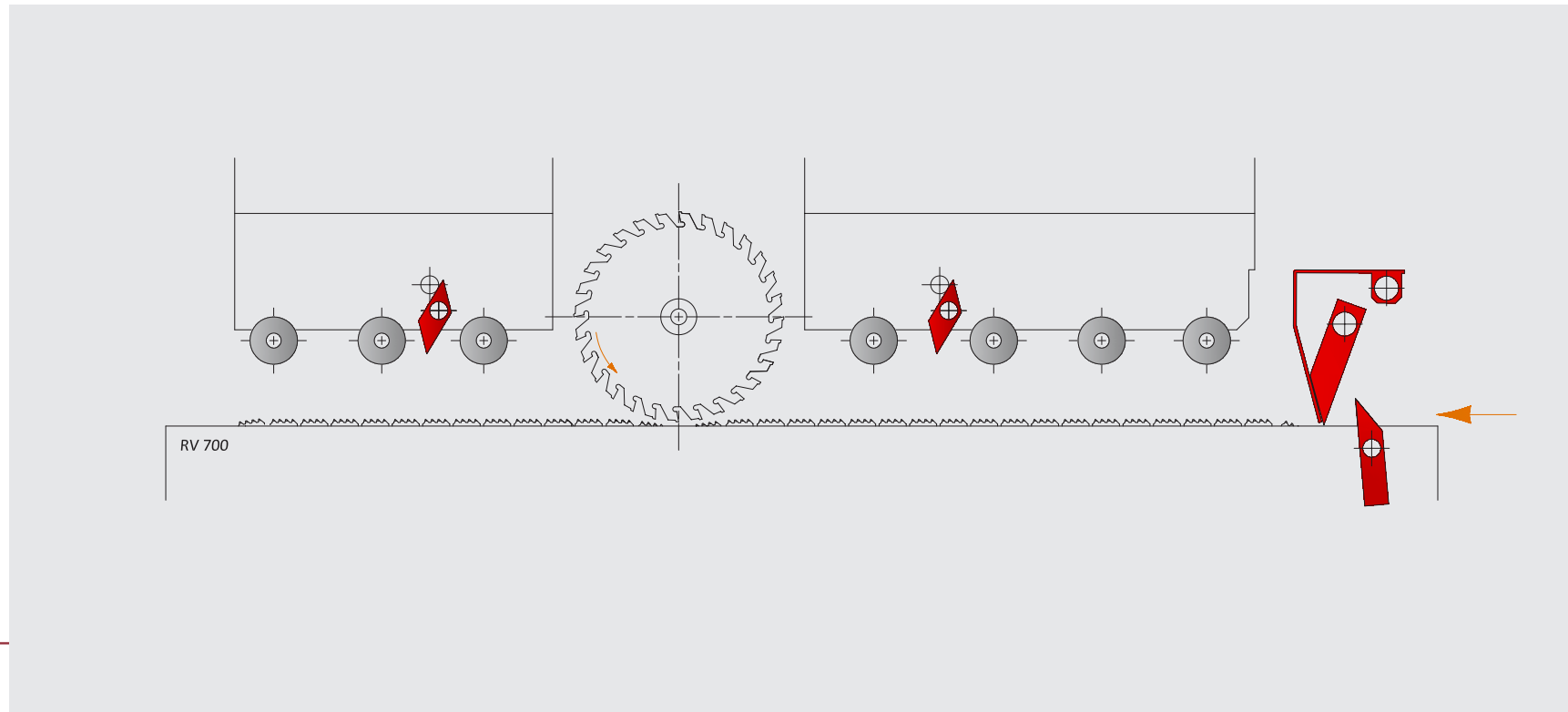


CUTTING DRAWING

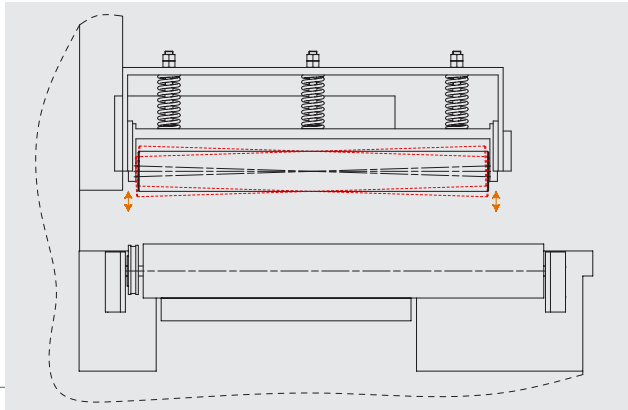


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 7 independent hold-down rolls. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.



PRESSURE ROLLER



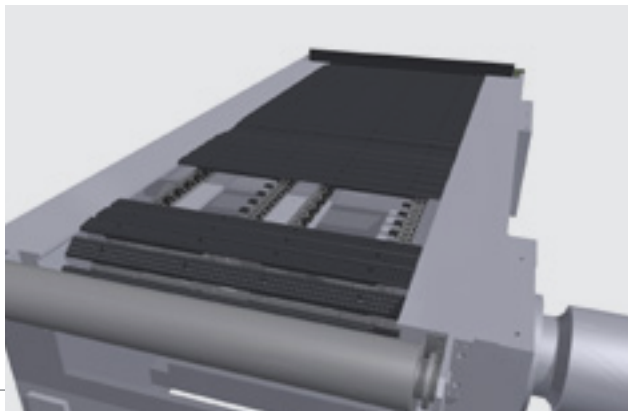
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

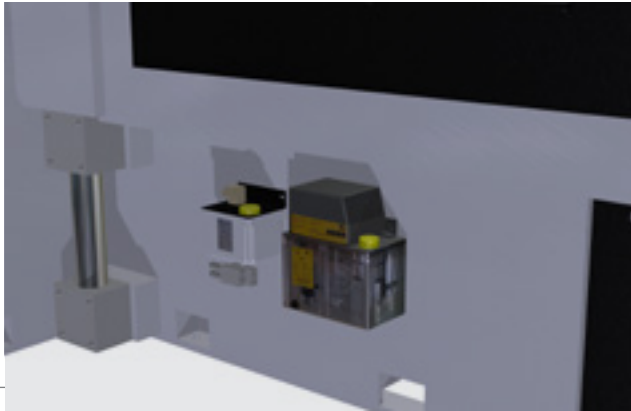
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

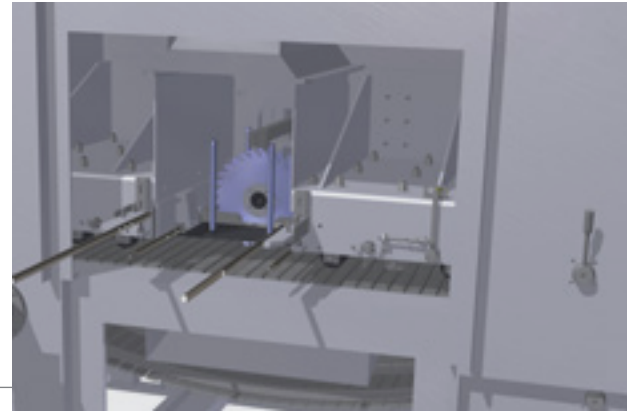
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



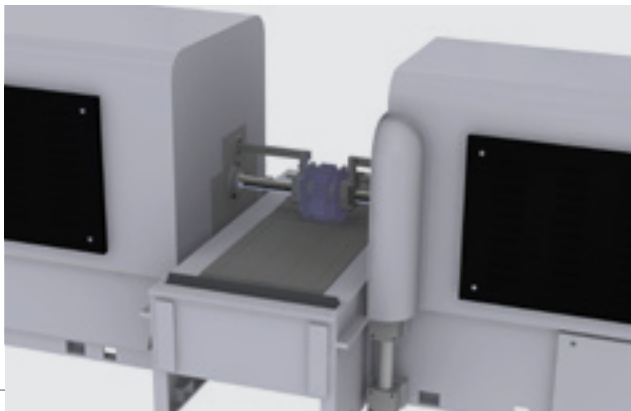
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting

SHOES



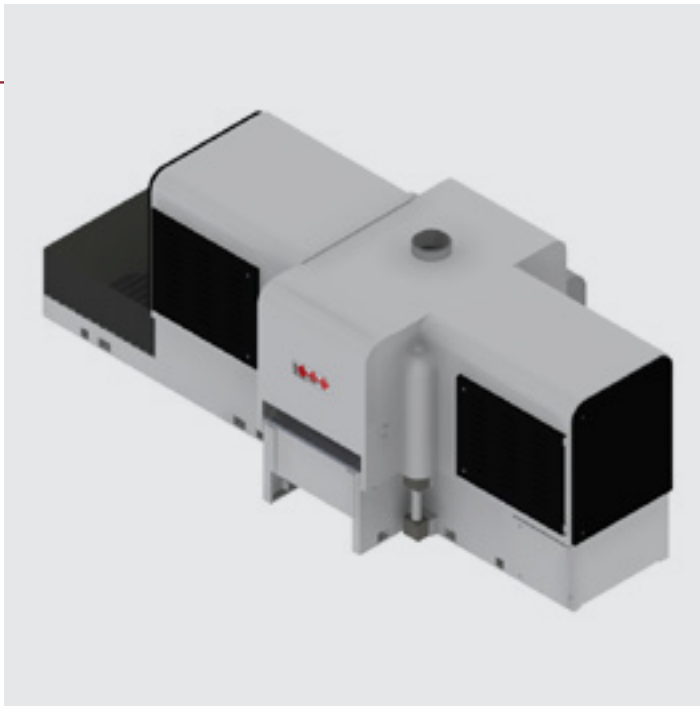
The scored steel long shoes allow perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE

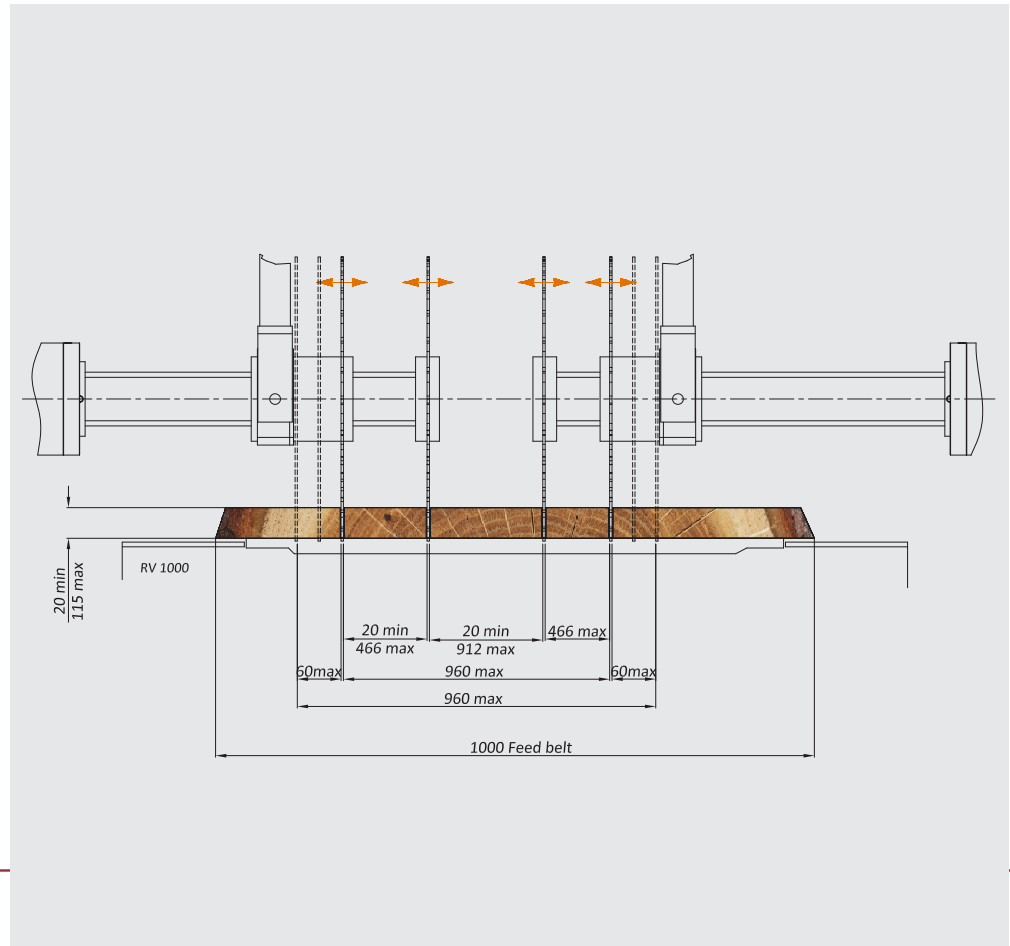


The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

RV 1000

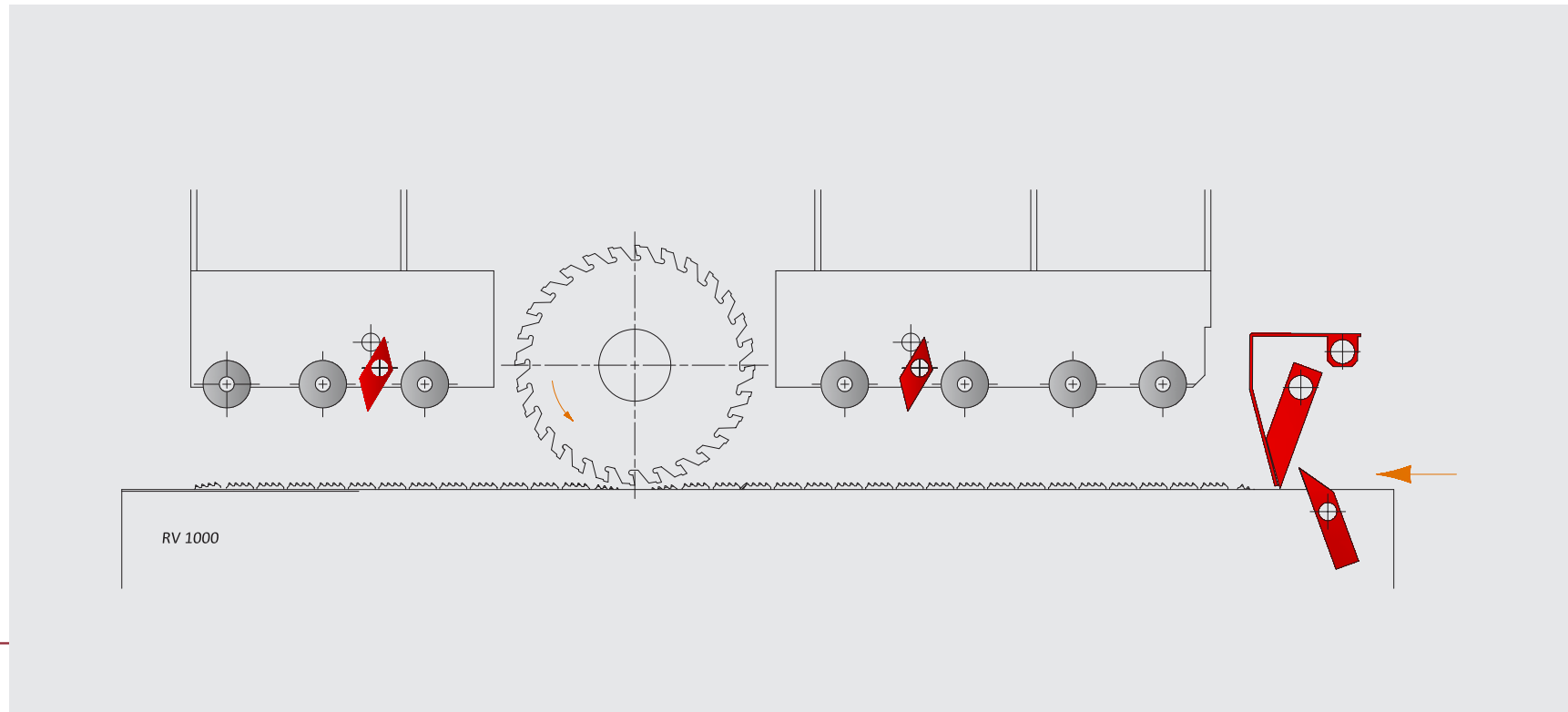


CUTTING DRAWING

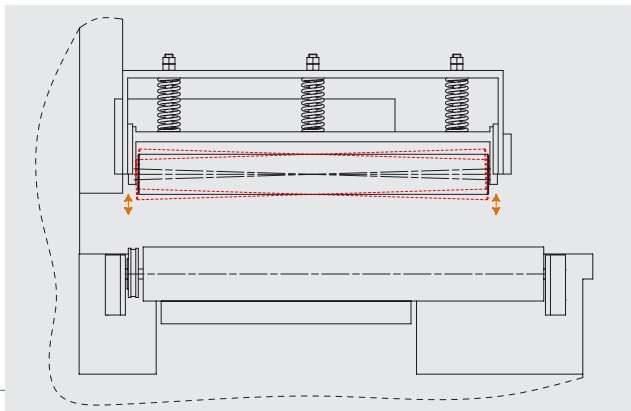


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 7 independent hold-down rolls. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.



PRESSURE ROLLER



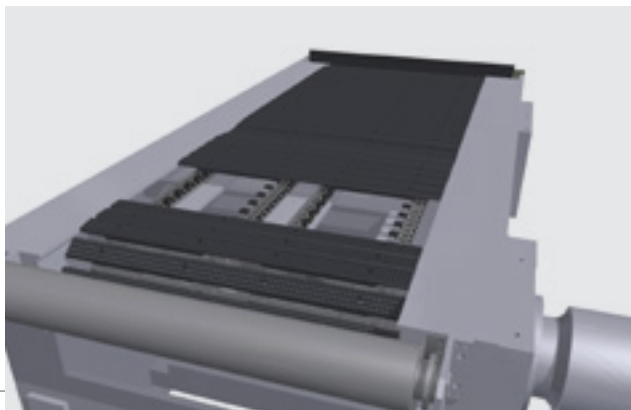
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

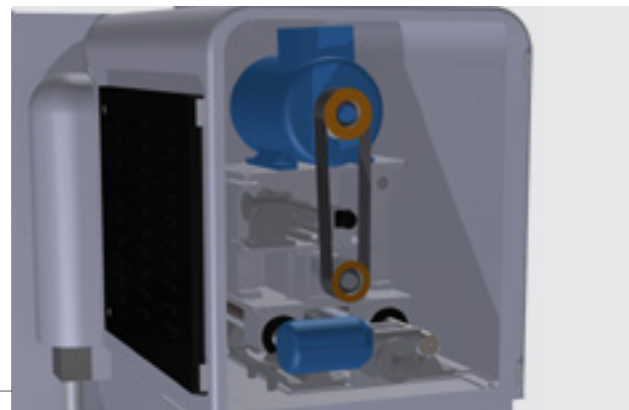
FEEDING TRACK CHAIN



The feed belt runs along 2 hardened steel guides. The cast iron pad is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.

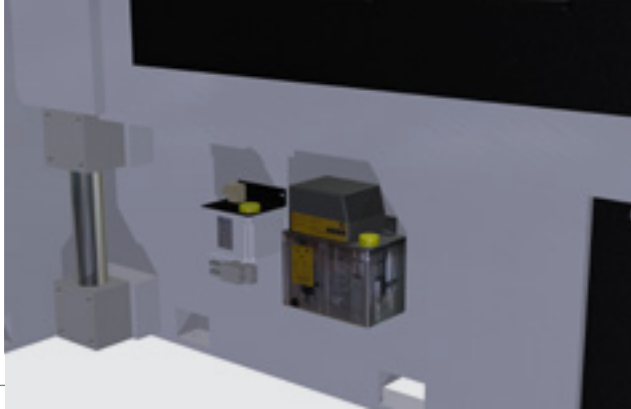
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

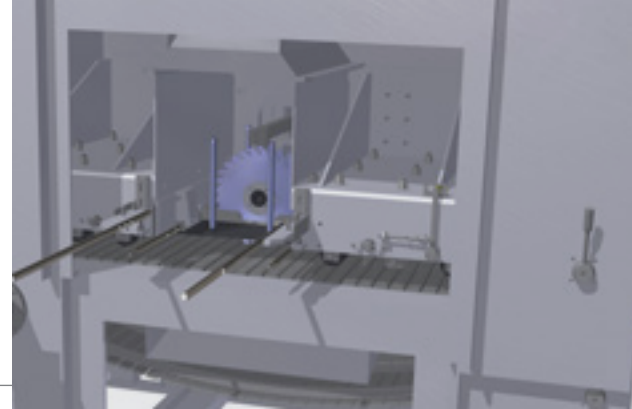
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

OIL PUMP LUBRICATION



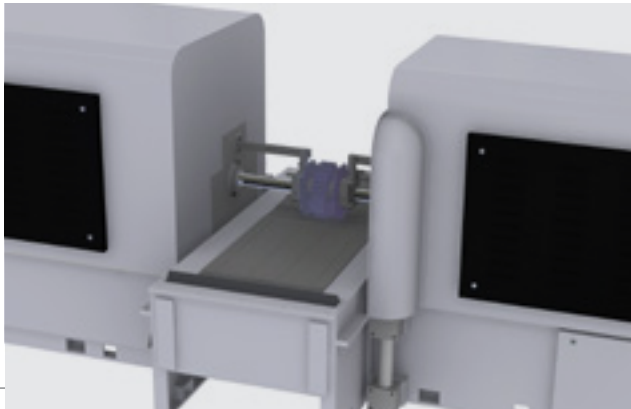
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

SHOES



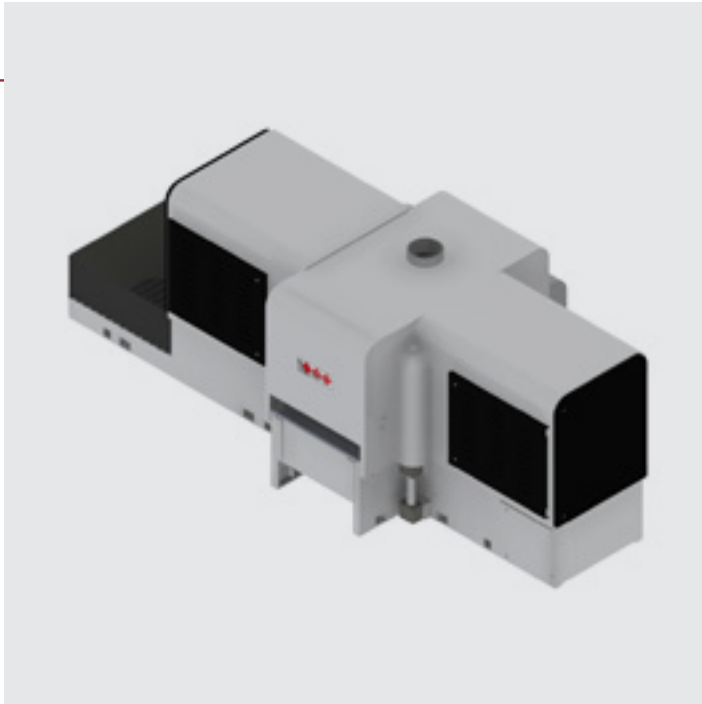
The scored steel long shoes allow perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

MAIN SPINDLE

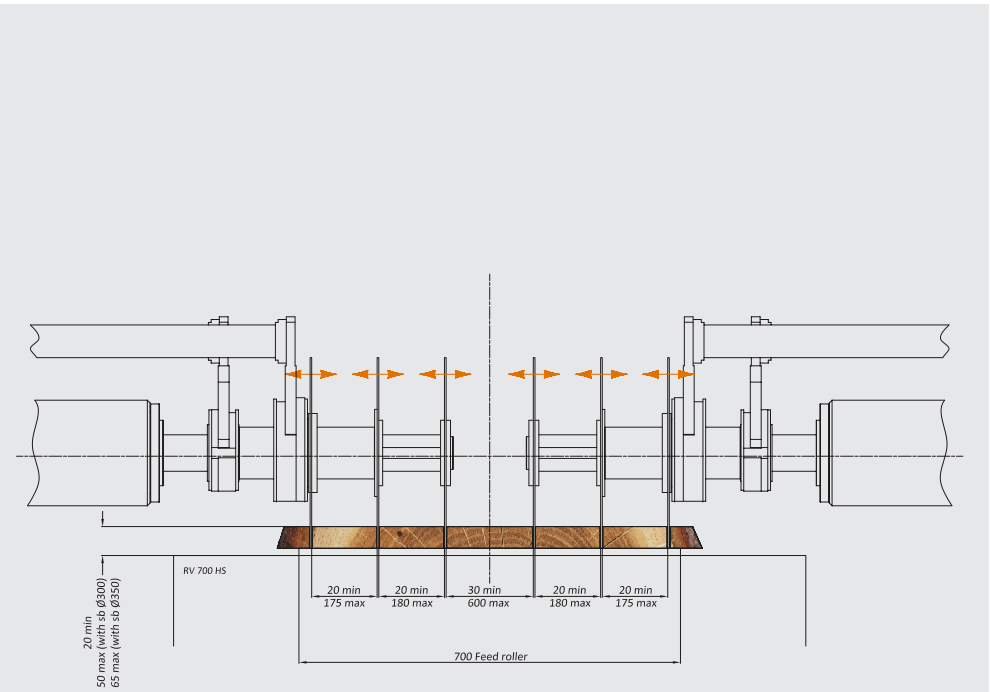


The surface treatment of the spindle ensures perfect running of the moving blade and long working life.

RV 700 HS

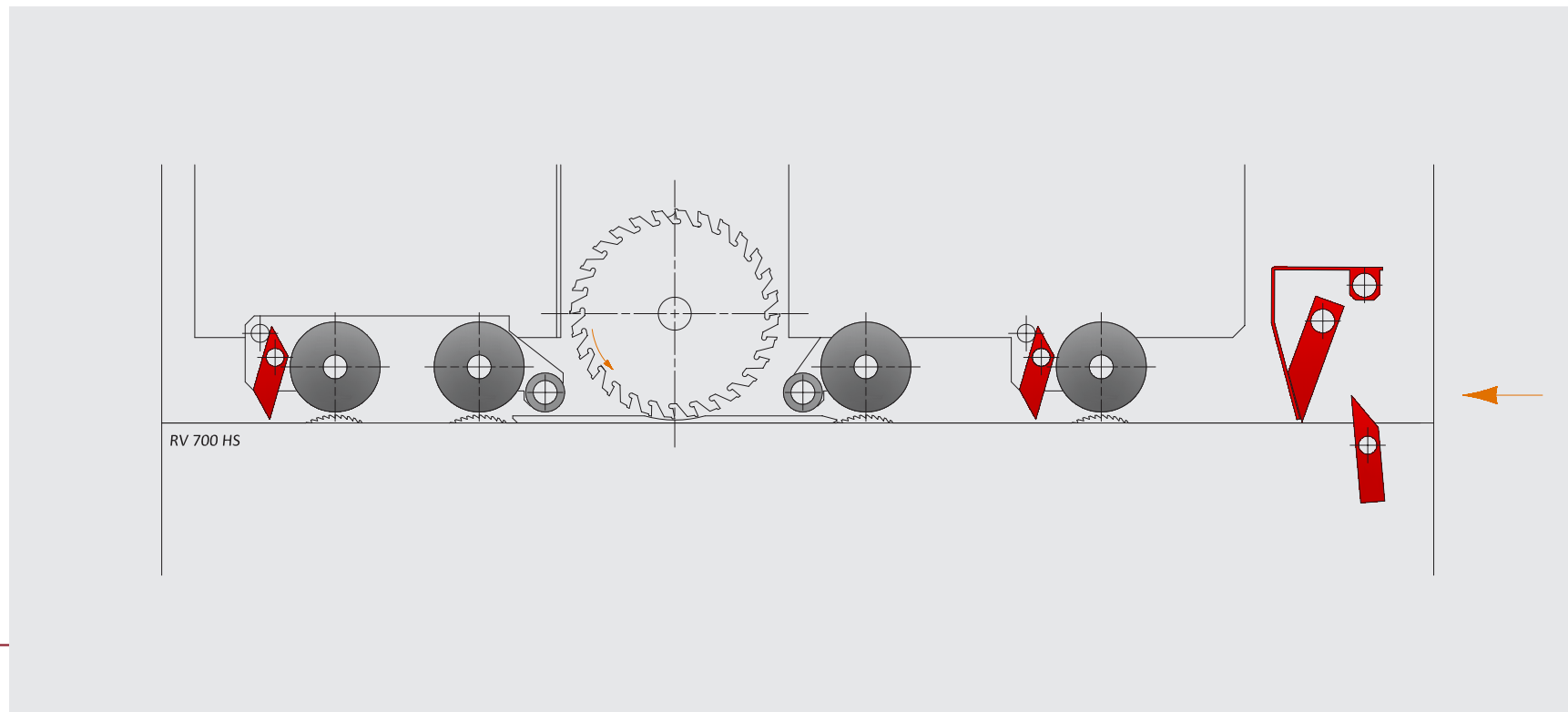


CUTTING DRAWING

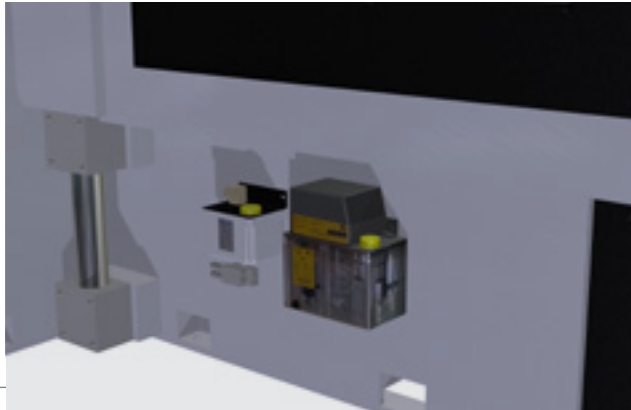


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 4 independent PNEUMATIC hold-down rolls a. The splinterproof system consists of steel fingers distributed on 3 top rows (one of which acting as splinterproof and the other two as anti-kickback) and one bottom row.



OIL PUMP LUBRICATION



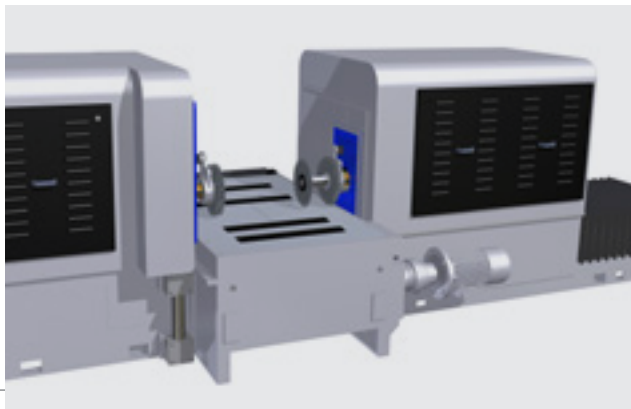
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

FEEDING TRACK MOTOR



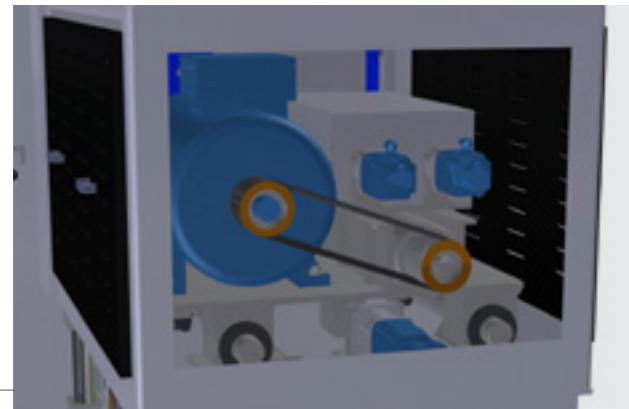
Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

FEEDING ROLLERS



Feeding rollers guarantee higher speed performance and lower maintenance.

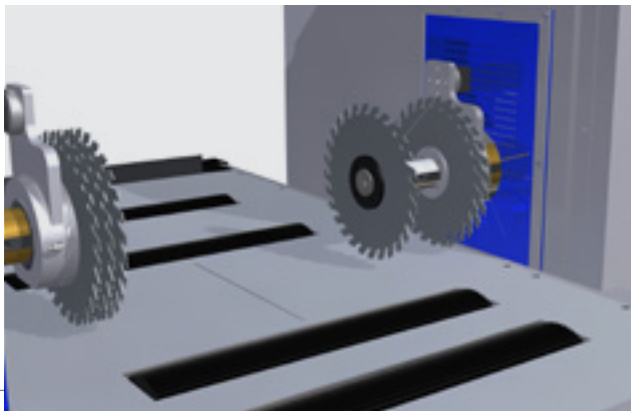
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working life.



TECHNICAL DETAILS	EDGER E 350 R	EDGER J 350 R	EDGER J 450 R	EDGER SCA 220 R T250	EDGER SCA 320 R T350	EDGER SCA 450 R T500
VOLTAGE	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz
DUST CONNECTION (MAIN)	250mm diameter port/ 30 m/s/5300Mc3/h	250mm diameter port/ 30 m/s/5300Mc3/h	300mm diameter port/30 meters per second/7600Mc3/h	250mm diameter port/ 30 m/s/5300Mc3/h	300mm diameter port/30 meters per second/7600Mc3/h	300mm diameter – 30m/s – 7600Mc3/h
WEIGHT MACHINE	2000Kg	2100Kg (2200 versione R)	5400Kg	2900Kg	3000Kg	6000Kg
DIMENSIONS MACHINE	L. 173cm W. 175cm H. 170cm	L. 173cm W. 175cm H. 175cm	L. 215cm W. 201cm H. 205cm	L. 217.5cm W. 178cm H. 184cm	L. 220cm W. 200cm H. 190cm	L. 255cm W. 240cm H. 200cm
BLADES MOTOR POWER	Hp 30 / Kw 22	Hp 30-40-50-60-75 / Kw 22-30-37-44-55	Hp 60-75-100 / Kw 44-55-74	Hp 20-25-30-40 / Kw 15-18,5-22-30	Hp 30-40-50-60-75 / Kw 22-30-37-44-55	Hp 60-75-100-125 / Kw 44-55-74-92
FEEDING BELT MOTOR POWER	1.5Kw	1.5Kw	3 Kw	0.75Kw	1.5Kw	3Kw
FEEDING BELT SPEED	0 a 40 Mt/1”	0-50 Mt/1”	0-50 Mt/1” 0-60 Mt/1” (OPTIONAL)	0-60 Mt/1” 0-80 Mt/1” (OPTIONAL)	0-60 Mt/1” 0-80 Mt/1” (OPTIONAL)	0-60 m/min 0-80 m/min OPTIONAL
GROUP PRESSURE MOTOR POWER	X	0.75Kw	1.1 Kw	0.75Kw	0.75Kw	0.75Kw
MAX PASSAGE WIDTH PLANKS	650mm (800mm)	650mm (800mm)	800mm	680mm (800mm)	840mm (950mm)	903mm (1000)
FEED BELT WIDTH	350mm	350mm	500mm	250mm	350mm	500mm
BLADES SHAFT ROTATION	3500 RPM	3500 RPM	3500 RPM	3500 RPM	3500 RPM	3500 RPM
MAX. CUTTING THICKNESS	80mm (350mm Blade)	130mm (370mm Blade)	120mm (with blade to D.400mm)	85mm (330mm Blade)	105mm (330mm Blade D.370)	120mm (450mm Blade)
MIN. CUTTING THICKNESS	20mm	20mm	20mm	20mm	20mm	20mm
MIN. PLANKS LENGTH	600mm (400mm with optional – small pieces)	600mm (400mm with optional – small pieces)	550mm (400mm optional for short pieces)	560mm (280mm with optional – small pieces)	600mm (350mm with optional – small pieces)	650mm (400mm with optional – small pieces)
MIN. DISTANCE BETWEEN FIXED AND MOVING BLADE	✘	✘	✘	16mm	16mm	16mm
MAX. DISTANCE BETWEEN FIXED AND MOVING BLADE	320mm (350mm Blade)	320mm (370mm Blade)	320mm (370mm Blade)	240mm (with 2 mobile devices intalled)	240mm (with 2 mobile devices intalled)	336mm (with 4 mobile devices intalled)
MAX. DISTANCE BETWEEN 2 FIXED AND MOVING BLADE	✘	✘	450mm (with 1 mobile device intalled)	✘	✘	450mm (with 1 mobile device intalled)
MAX. DISTANCE BETWEEN 2 FIXED AND MOVING BLADE	✘	✘	355mm	✘	✘	355mm
TABLE WORKING HEIGHT FROM FLOOR	780mm	780mm	780mm	780mm	780mm	780mm
CONTROL BOARD WITH 99 MEMORY PROGRAMME	✘	✘	manual or automatic control	manual or automatic control	manual or automatic control	manual or automatic control
POSITION LASER CONTROL	✘	✘	Red laser. Power 15mw up to 6mt rayon lighth	Red laser. Power 15mw up to 6mt rayon lighth	Red laser. Power 15mw up to 6mt rayon lighth	Red laser. Power 15mw up to 6mt rayon lighth
CENTRAL GUIDE DEVICE FOR BELT	✘	✘	for glueing	for glueing	for glueing	for glueing
SOUND CAMPING MATERIAL ABLE TO REDUCE NOISE	lower 15db	lower 15db	lower 15db	lower 15db	lower 15db	lower 15db
CHAIN BELT AUTOMATIC LUBRICATION	●	●	●	●	●	●

TECHNICAL DETAILS	EDGER SCA 650 R T700	EDGER SCA 700 TELESCOPIC	EDGER RV 500	EDGER RV 700	EDGER RV 1000	EDGER RV 700 HS	EDGER RS 600
VOLTAGE	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz
DUST CONNECTION (MAIN)	300mm diameter – 30m/s 7600Mc3/h	300mm diameter – 30m/s – 7600Mc3/h	300mm diameter port/30 meters per second/7600Mc3/h	300mm diameter port/30 meters per second/7600Mc3/h	300mm diameter port/30 meters per second/7600Mc3/h	300mm diameter port/30 meters per second/7600Mc3/h	2x120 + 2x80 mm diameter port/30 meters per second/2x 1750 Mc3/h
WEIGHT MACHINE	6500Kg	6500Kg	11.000 Kg	12.000 Kg	13.000 Kg	12.000 Kg	3.200 Kg
DIMENSIONS MACHINE	L. 255cm W. 245cm H. 200cm	L. 255cm W. 245cm H. 200cm	L. 230cm W. 540cm H. 205cm	L. 235cm W. 552.5cm H. 198cm	L. 235cm W. 552.5cm H. 232cm	L. 216cm W. 642cm H. 191cm	L. 300cm W. 430cm H. 232cm
BLADES MOTOR POWER	Hp 60-75-100-125 Kw 44-55-74-92	Hp 60-75-100-125 Kw 44-55-74-92	Hp 30-40-50-60 Kw 22-30-37-44	Hp 30-40-50-60 Kw 22-30-37-44	Hp 30-40-50-60 Kw 22-30-37-44	Hp 100-125 Kw 75-90	2X Hp 30 2X Kw 22-
FEEDING BELT MOTOR POWER	3Kw	3Kw	4Kw	3Kw	3Kw	11Kw	0.75 Kw
FEEDING BELT SPEED	0-60 m/min 0-80 m/min OPTIONAL	0-60 m/min 0-80 m/min OPTIONAL	0-100 Mt/1” Mt/1” (OPTIONAL)	0-60 Mt/1” 0-80 Mt/1” (OPTIONAL)	0-60 Mt/1” 0-80 Mt/1” (OPTIONAL)	0-160 m/min	0÷60 mt/1” (0 a 60 Mt/1”)
GROUP PRESSURE MOTOR POWER	0.75Kw	0.75Kw	✘	✘	✘	1.5 kW	✘
MAX PASSAGE WIDTH PLANKS	1130mm (1200)	1130mm (1200)	1000mm	1000 mm	1300mm	1000mm	700 mm
FEED BELT WIDTH	700mm	700mm	700mm	700mm	1000mm	700mm (ROLLER)	100 mm
BLADES SHAFT ROTATION	3500 RPM	3500 RPM	3500 RPM	3500 RPM	3500 RPM	3500 RPM	2960 RPM
MAX. CUTTING THICKNESS	145mm (450mm Blade)	145mm (450mm Blade)	115mm	90mm (115mm)	115mm	50mm (60mm WITH Ø350 BLADE)	160 mm
MIN. CUTTING THICKNESS	20mm	20mm	20mm	20mm	20mm	20mm	15 mm
MIN. PLANKS LENGTH	750mm (400mm with optional – small pieces)	750mm (400mm with optional – small pieces)	900mm	900mm	900mm	1200mm	600 mm
MIN. DISTANCE BETWEEN FIXED AND MOVING BLADE	16mm	16mm	16mm	16mm	✘	✘	600 mm
MAX. DISTANCE BETWEEN FIXED AND MOVING BLADE	470mm (with 4 mobile devices intalled)	470mm (with 4 mobile devices intalled)	500mm (370mm blade)	660mm	960mm	✘	✘
MAX. DISTANCE BETWEEN 2 FIXED AND MOVING BLADE	600mm (with 1 mobile device intalled)	600mm (with 1 mobile device intalled)	✘	✘	✘	✘	✘
MAX. DISTANCE BETWEEN 2 FIXED AND MOVING BLADE	484mm (with 4 mobile devices intalled)	484mm (with 4 mobile devices intalled)	✘	✘	✘	✘	✘
TABLE WORKING HEIGHT FROM FLOOR	780mm	780mm	780mm	780mm	780mm	808mm	1320 mm
CONTROL BOARD WITH 99 MEMORY PROGRAMME	✘	✘	✘	✘	✘	✘	✘
POSITION LASER CONTROL	✘	✘	✘	✘	✘	✘	✘
CENTRAL GUIDE DEVICE FOR BELT	✘	for glueing	✘	✘	✘	✘	✘
SOUND CAMPING MATERIAL ABLE TO REDUCE NOISE	lower 15db	lower 15db	lower 15db	lower 15db	lower 15db	lower 15db	lower 15db
CHAIN BELT AUTOMATIC LUBRICATION	●	●	●	●	●	●	●



DOUBLE SPINDLE MULTI-RIP

The result of long experience and great care given to detail, our production range extends in a range articulated that offers the possibility to choose the product solution for every need.

MULTI-RIP SCA

The product "SCA" is equipped with all the highest technology resulting from an experience of 60 years of activity and development, surrounded by the great care given to detail. It is the reference range of our development and technology.

SCA 350 ST 350

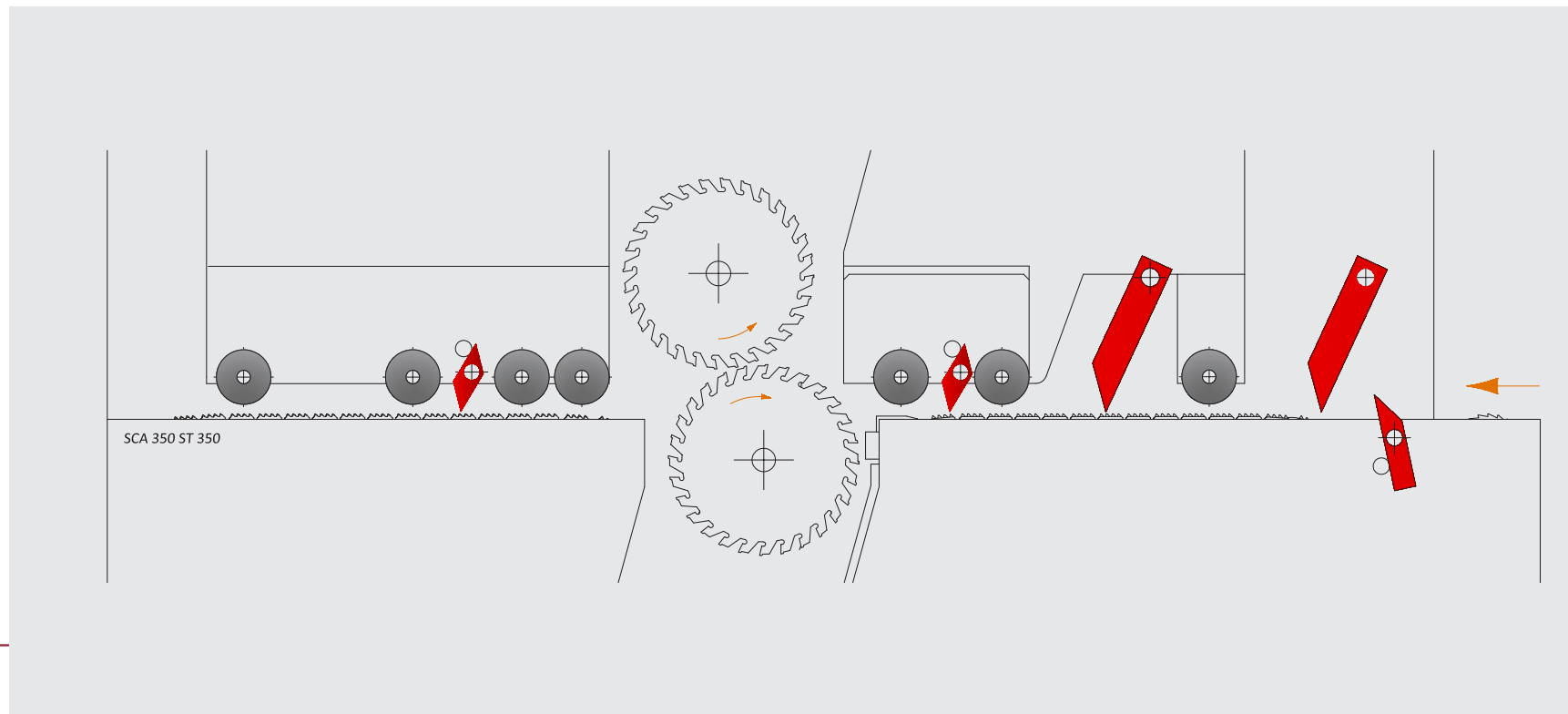


CUTTING DRAWING

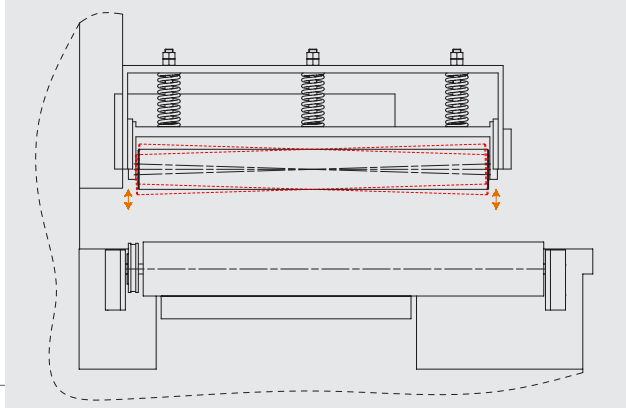


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 7 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

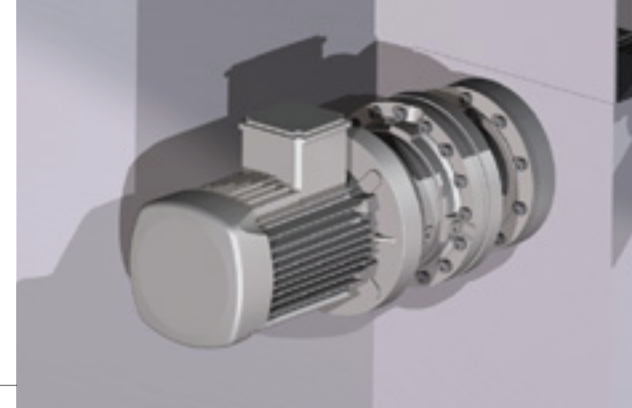


PRESSURE ROLLER



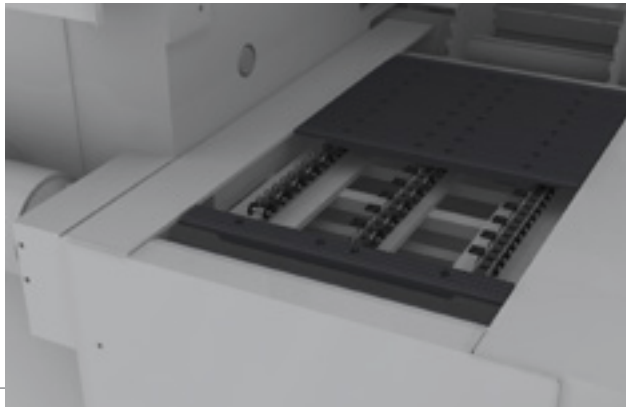
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

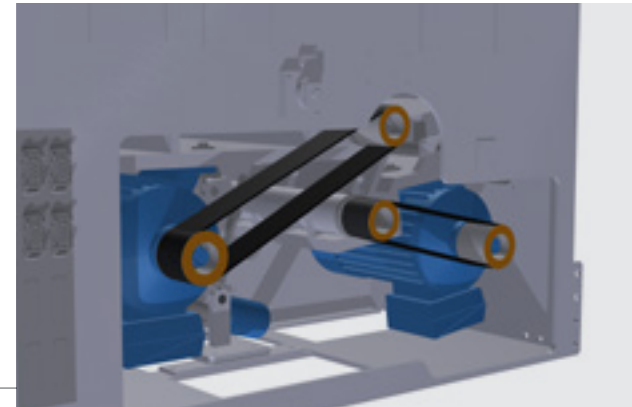
FEEDING TRACK CHAIN



The feed belts runs along 3 hardened steel guides at infeed end and 3 at outfeed end. The cast iron pad (optionally of hardened steel) is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance their performance.

MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

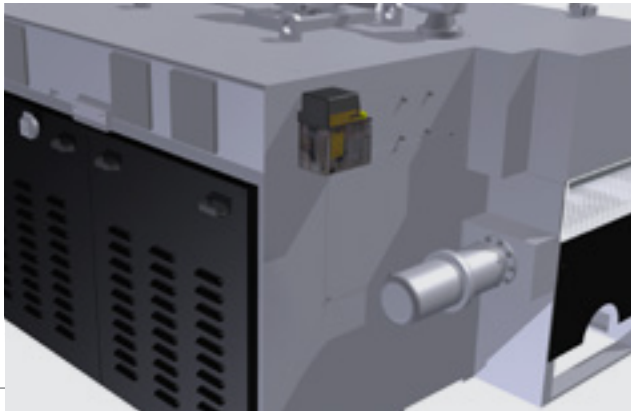
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working LIFE.

OIL PUMP LUBRICATION



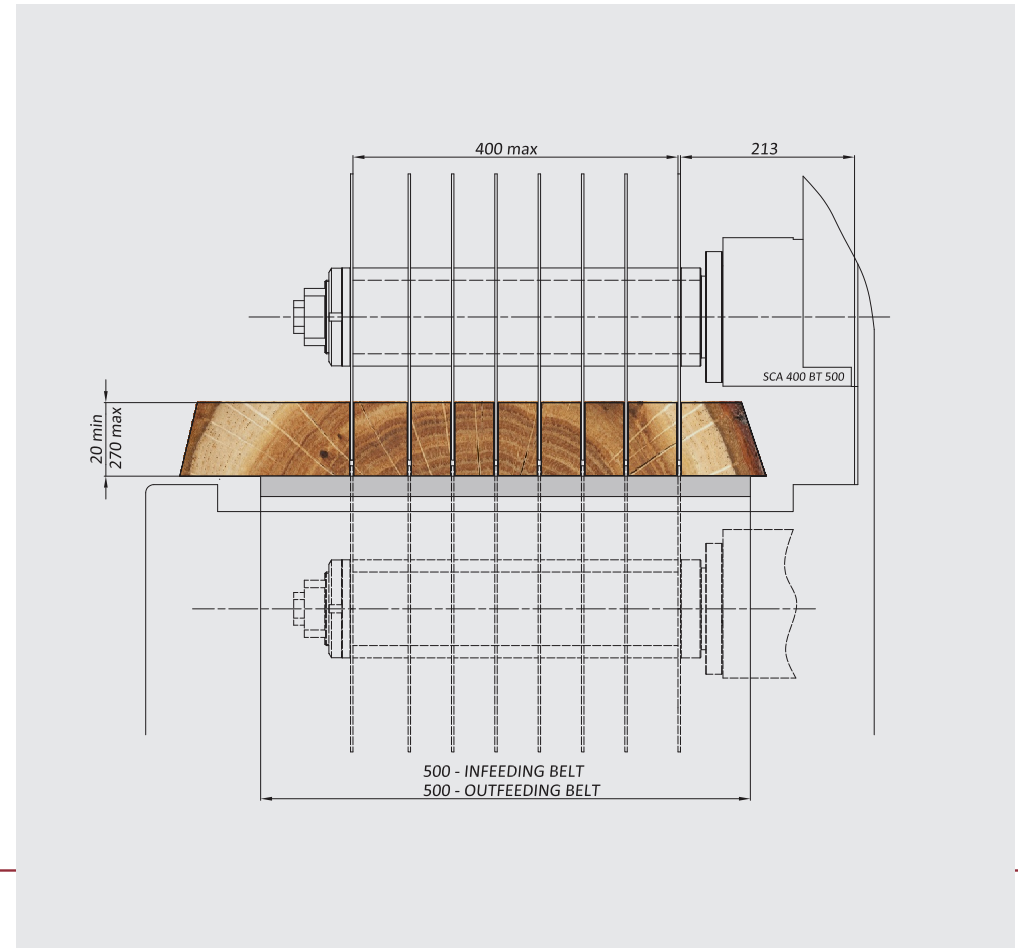
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.



SCA 400 BT 500

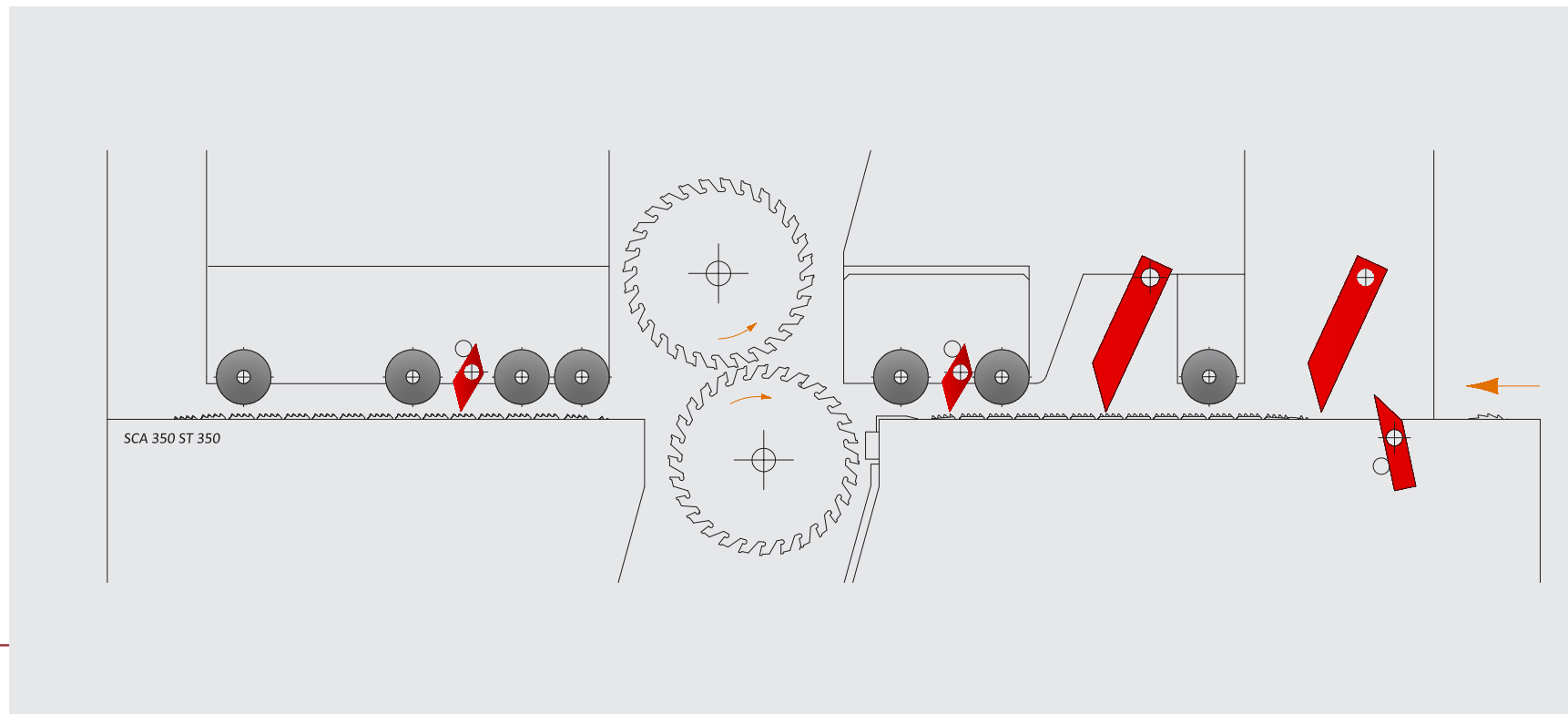


CUTTING DRAWING

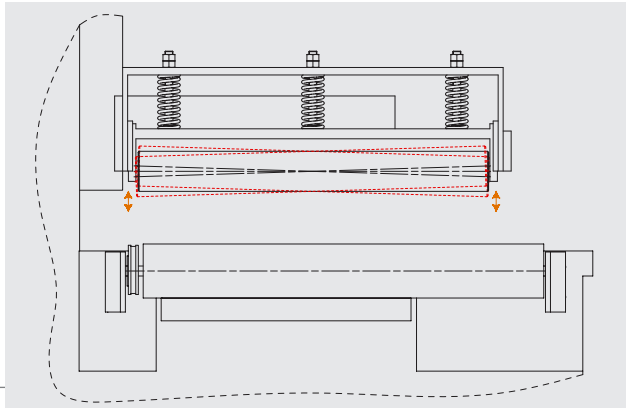


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 7 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

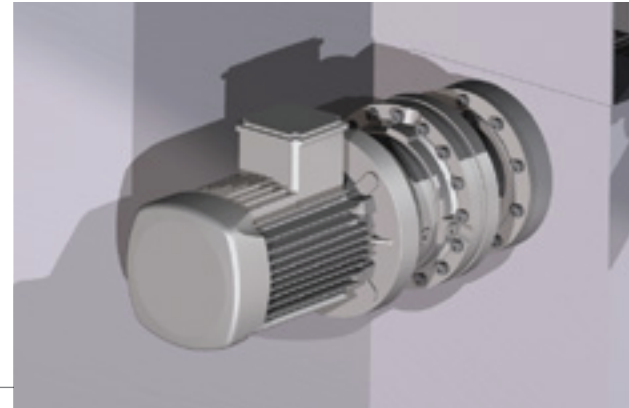


PRESSURE ROLLER



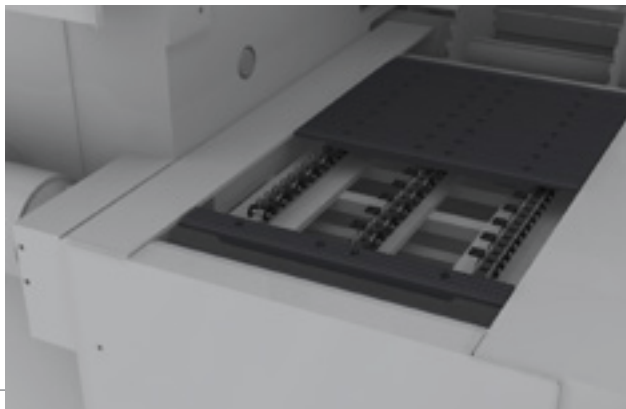
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

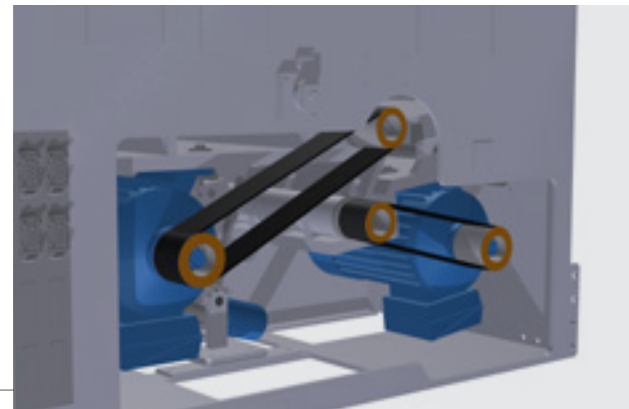
FEEDING TRACK CHAIN



The feed belts runs along 3 hardened steel guides at infeed end and 3 at outfeed end. The cast iron pad (optionally of hardened steel) is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance their performance.

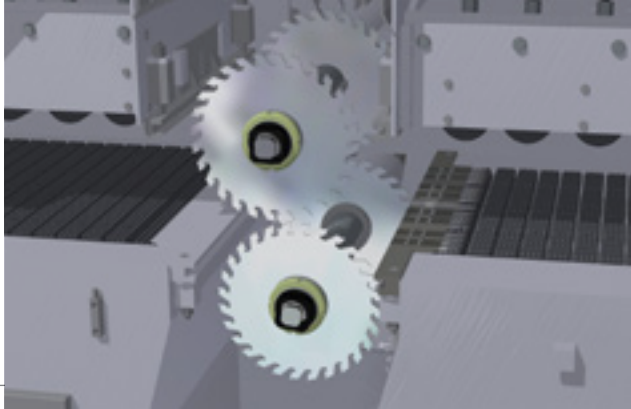
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

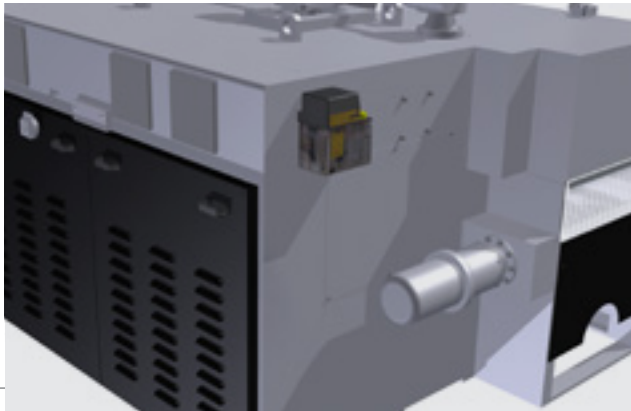
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working LIFE.

OIL PUMP LUBRICATION



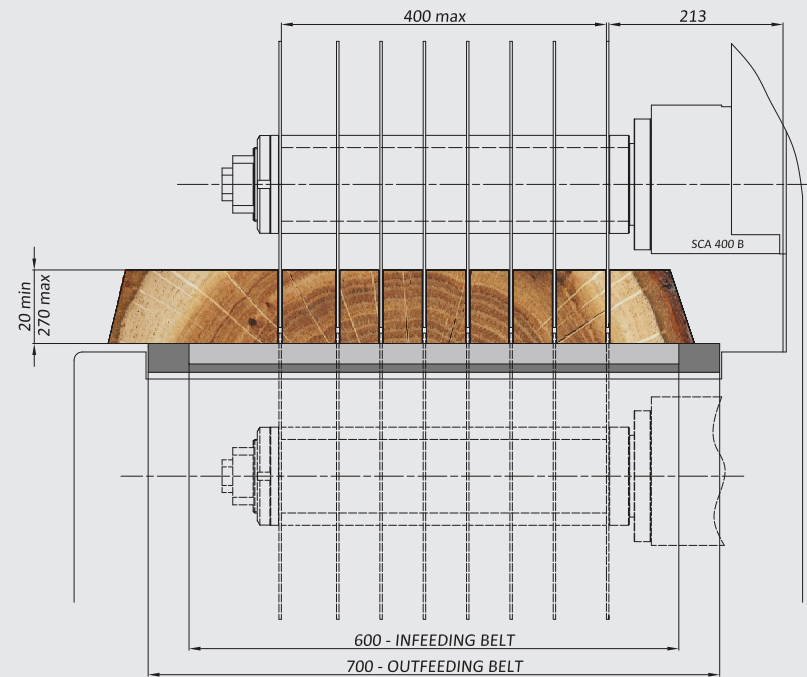
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.



SCA 400 B

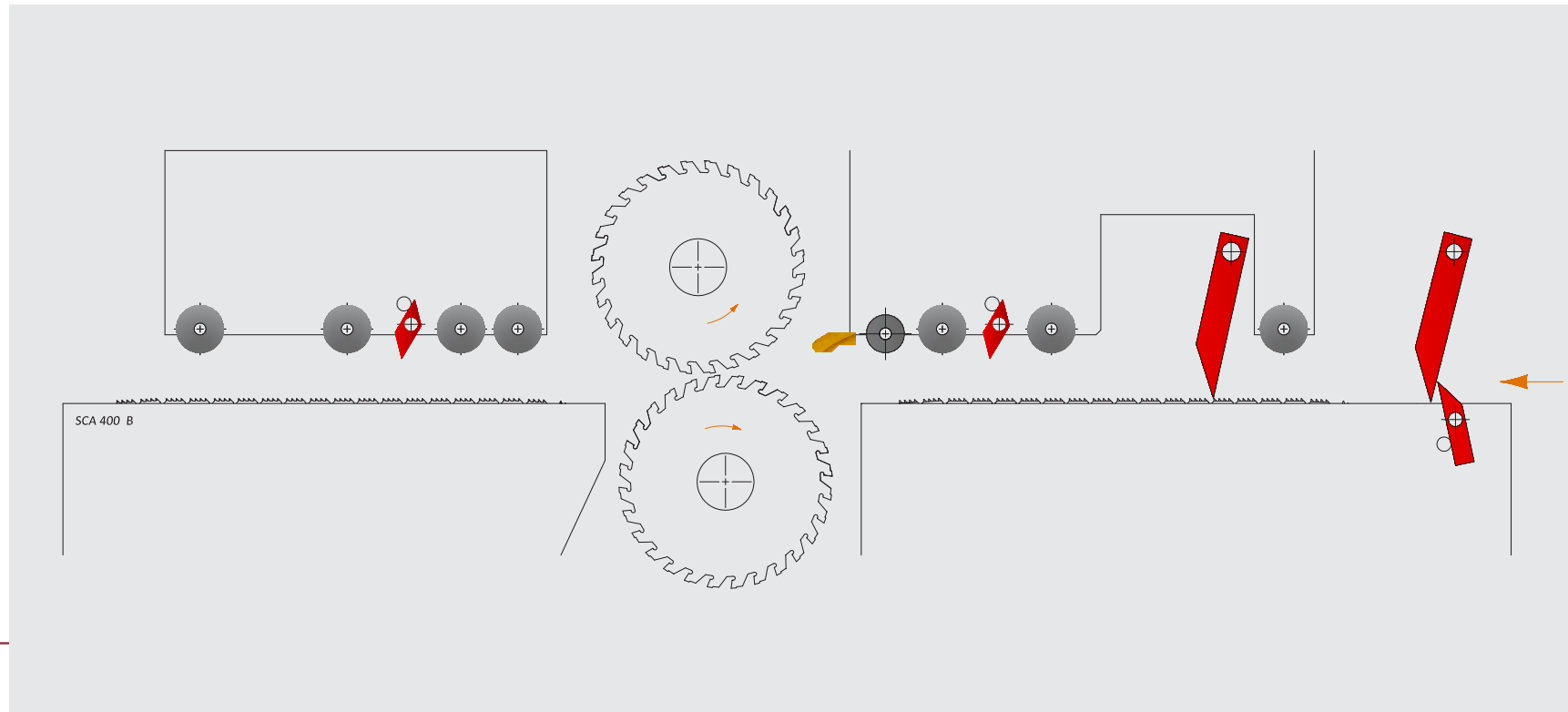


CUTTING DRAWING

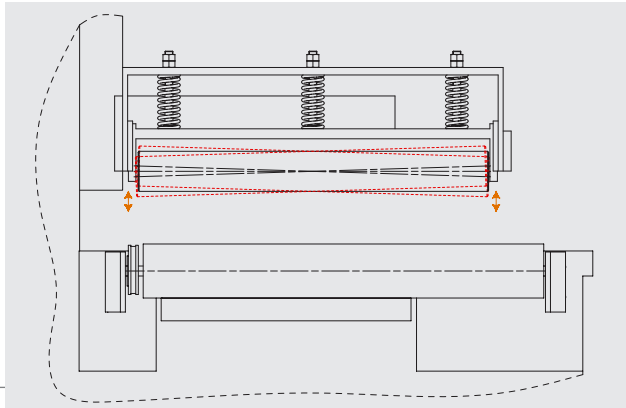


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 8 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

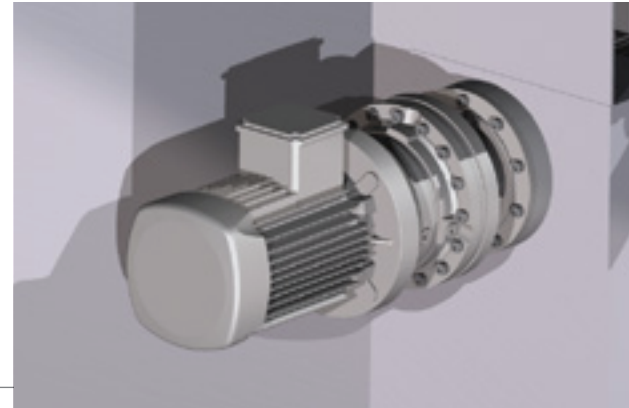


PRESSURE ROLLER



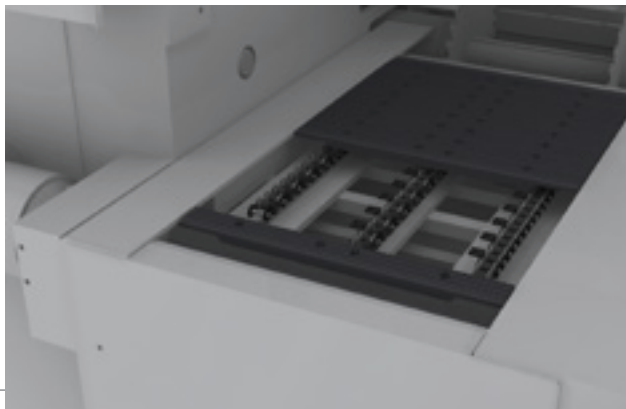
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

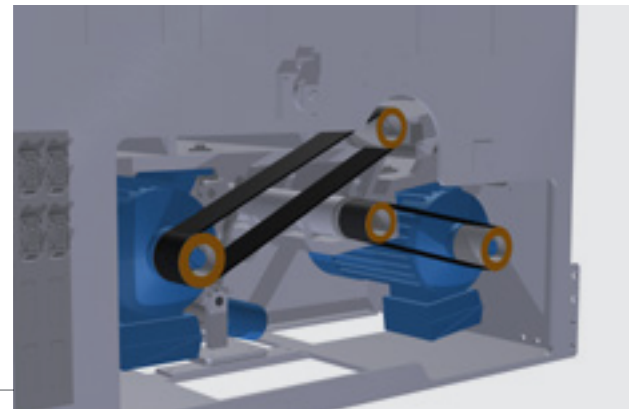
FEEDING TRACK CHAIN



The feed belts runs along 3 hardened steel guides at infeed end and 3 at outfeed end. The cast iron pad (optionally of hardened steel) is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance their performance.

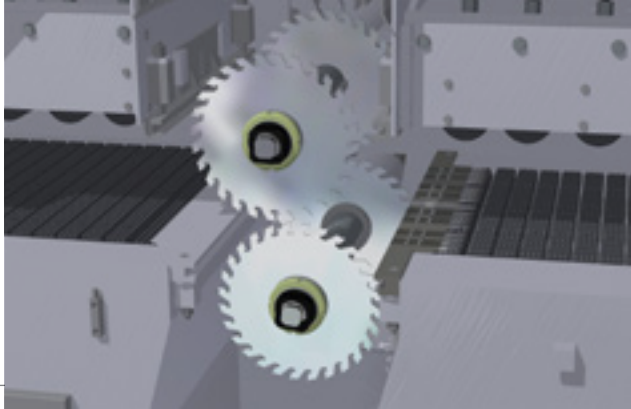
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

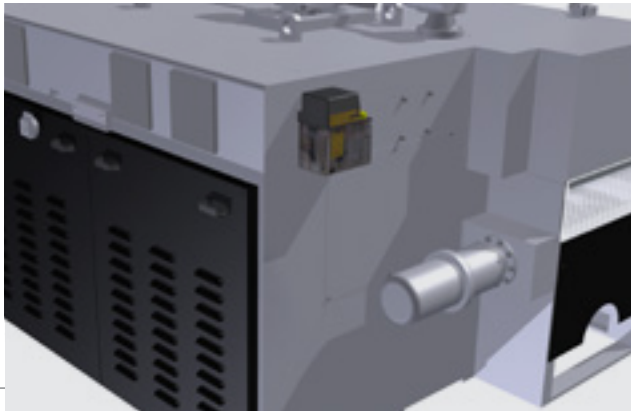
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working LIFE.

OIL PUMP LUBRICATION



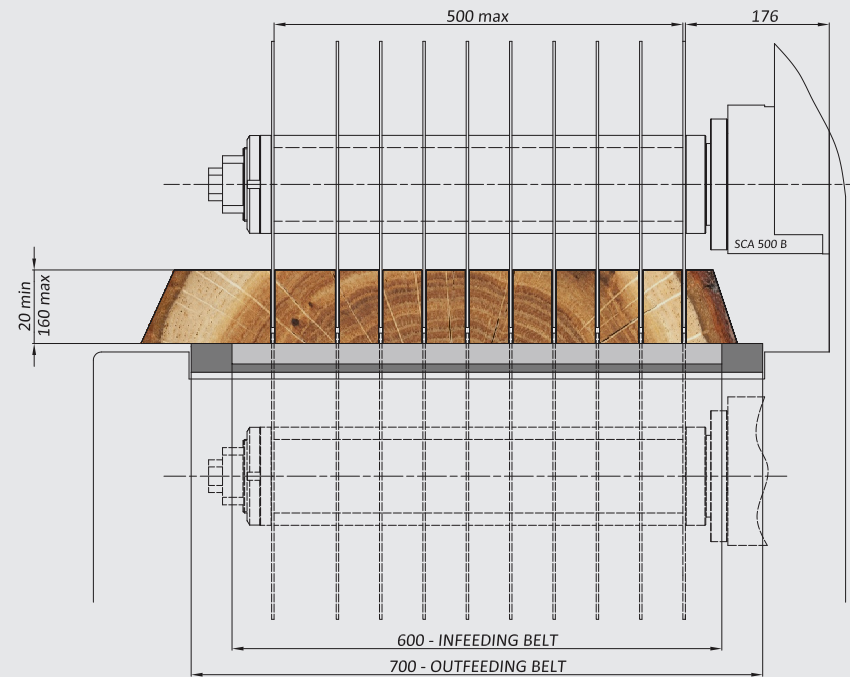
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.



SCA 500 B

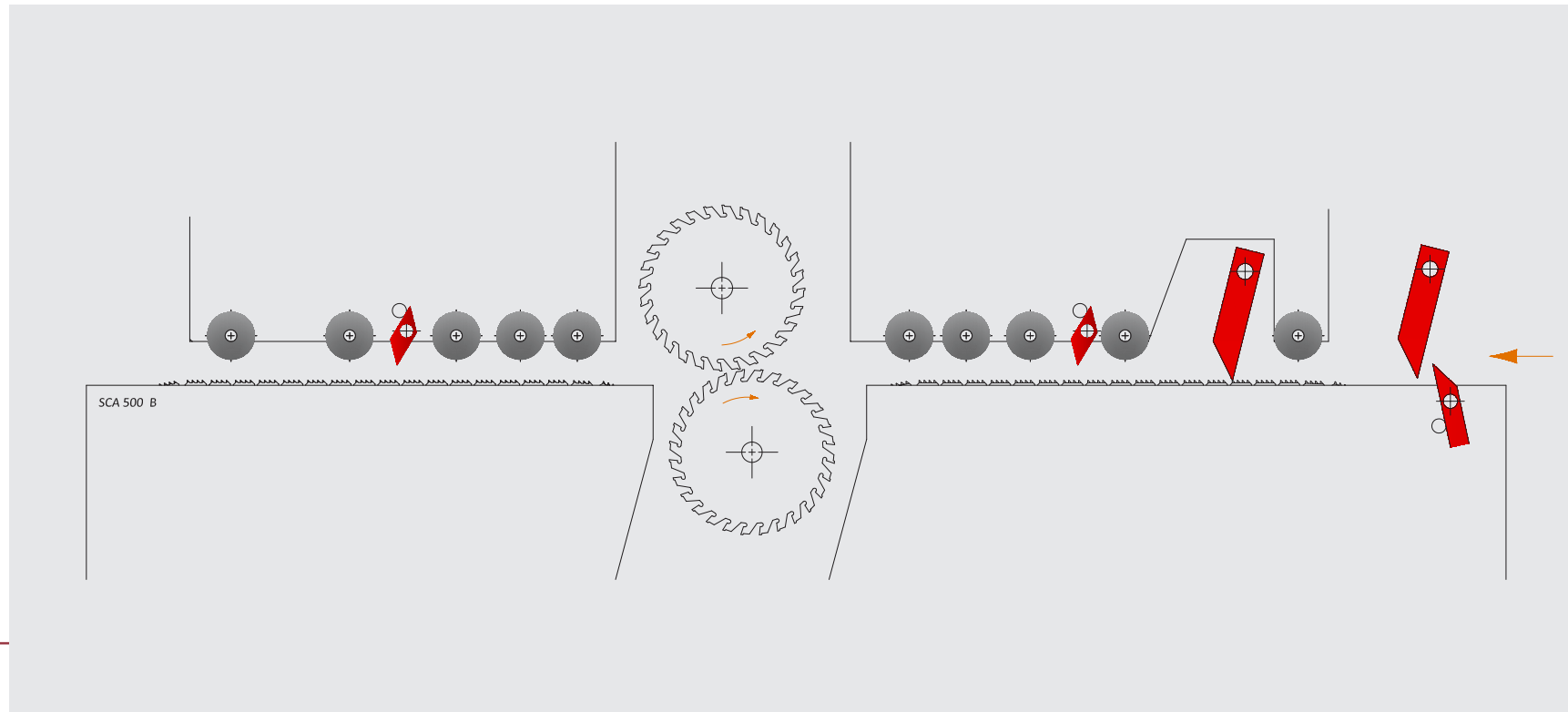


CUTTING DRAWING

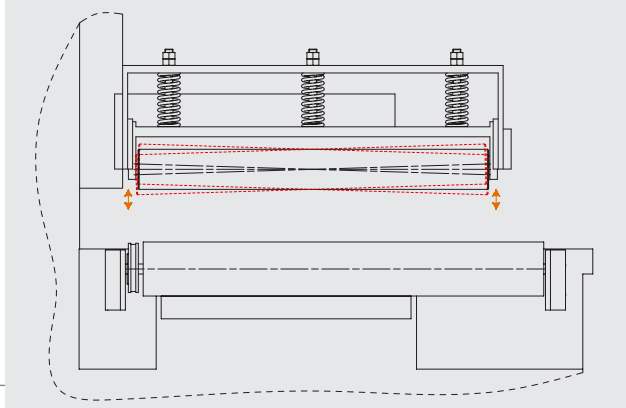


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 10 independent hold-down rolls and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

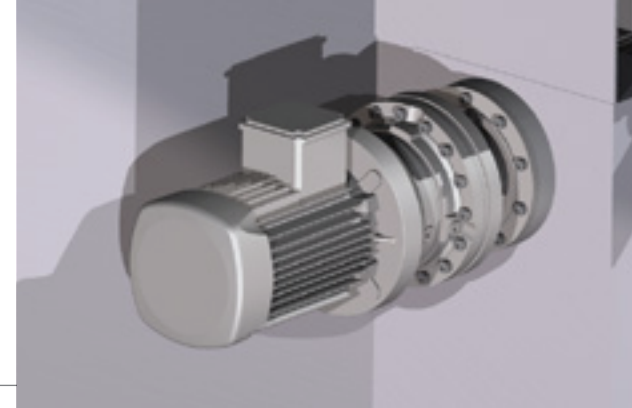


PRESSURE ROLLER



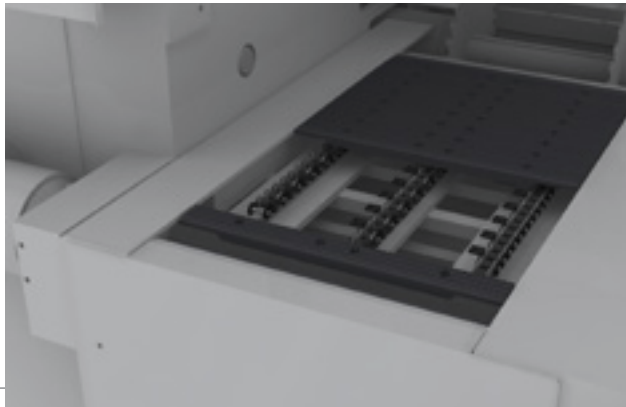
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a geared motor controlled by an inverter. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

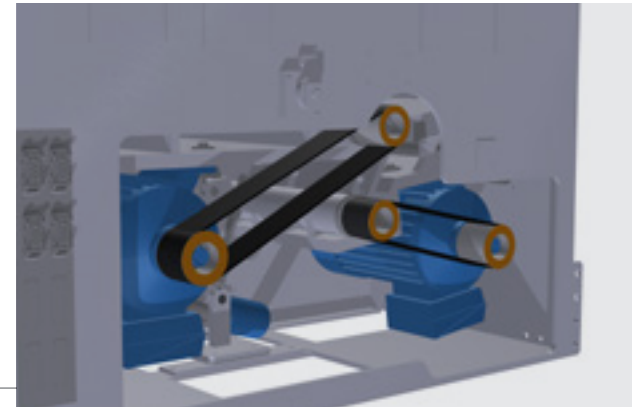
FEEDING TRACK CHAIN



The feed belts runs along 3 hardened steel guides at infeed end and 3 at outfeed end. The cast iron pad (optionally of hardened steel) is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance their performance.

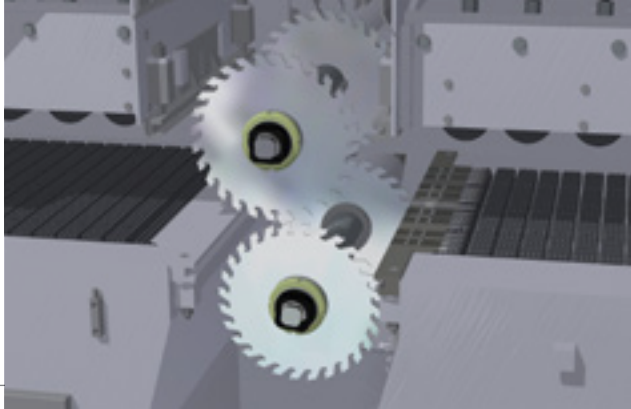
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

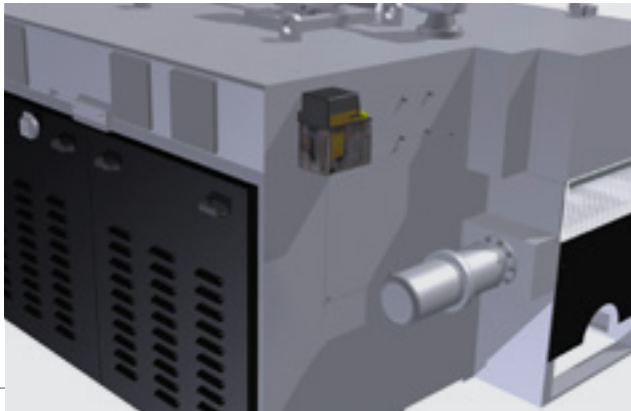
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working LIFE.

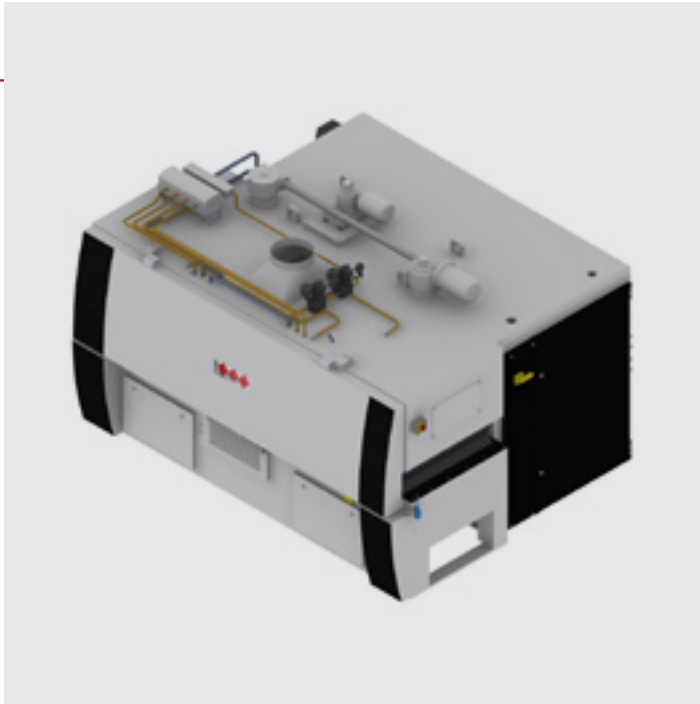
OIL PUMP LUBRICATION



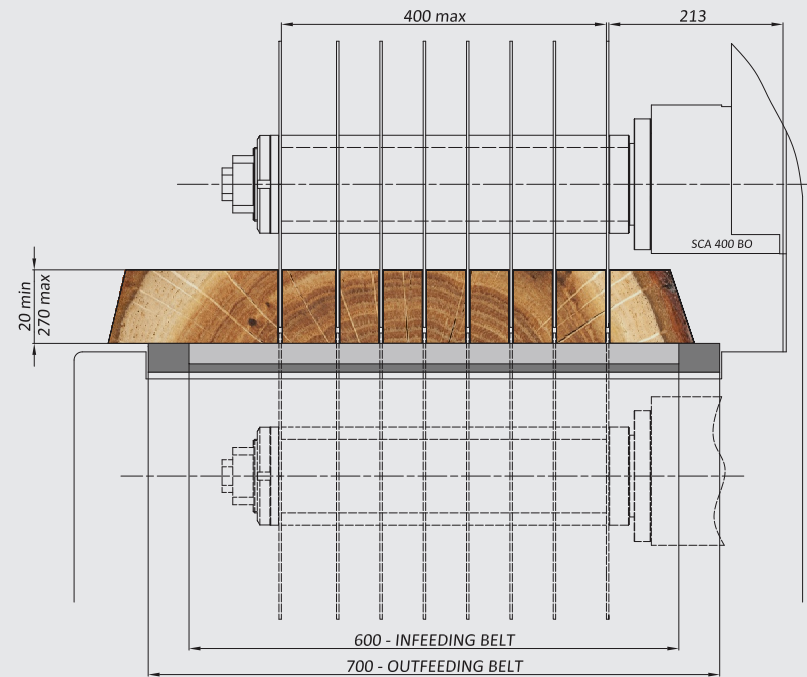
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.



SCA 400 B/O

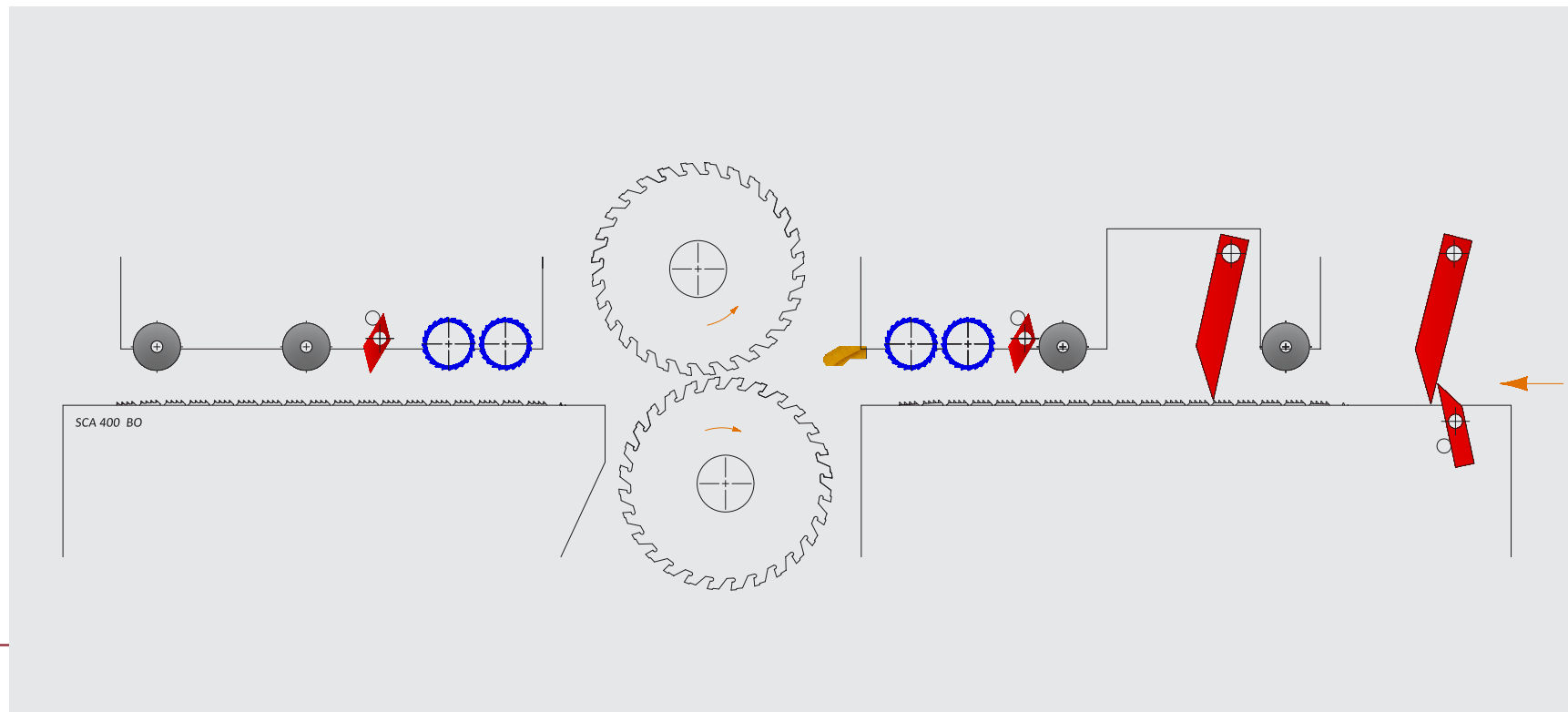


CUTTING DRAWING

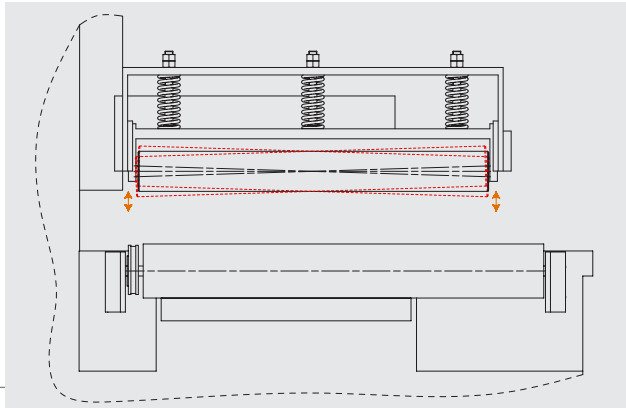


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 4 independent hold-down rolls + 4 hydraulic hold-down rolls powered by 4 hydraulic motors and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

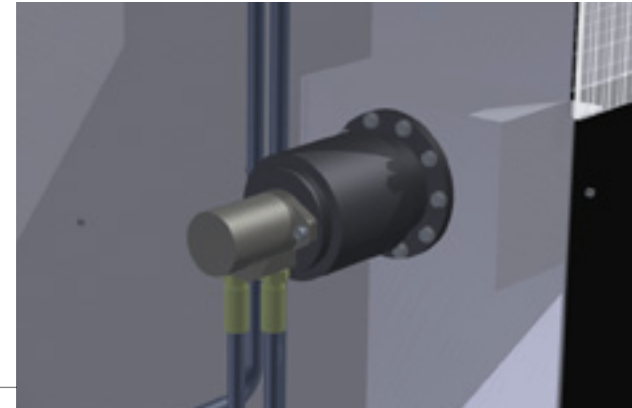


PRESSURE ROLLER



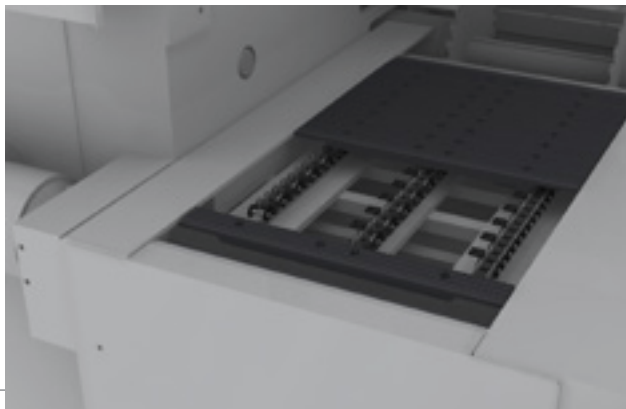
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



Feeding track is powered by a hydraulic system. Thanks to a potentiometer the operator can vary the feeding track speed checking its value on the graduated scale printed on the control panel.

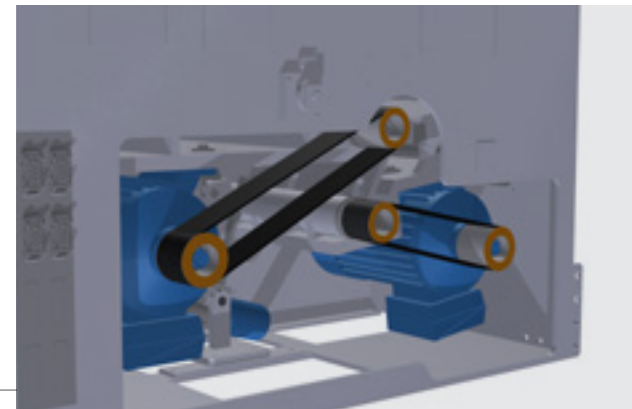
FEEDING TRACK CHAIN



The feed belts runs along 3 hardened steel guides at infeed end and 3 at outfeed end. The cast iron pad (optionally of hardened steel) is fastened on a chain thus offering the following advantages:

- no stoppings feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance their performance.

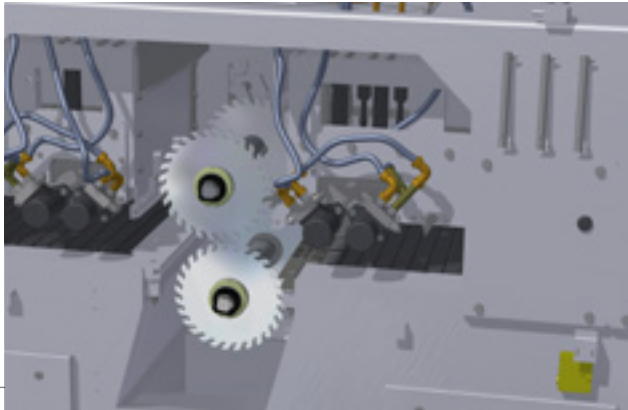
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

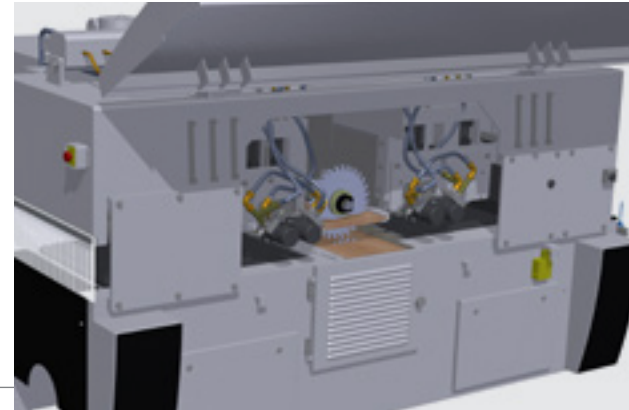
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working LIFE.

HYDRAULIC PRESSURE ROLLER DEVICE



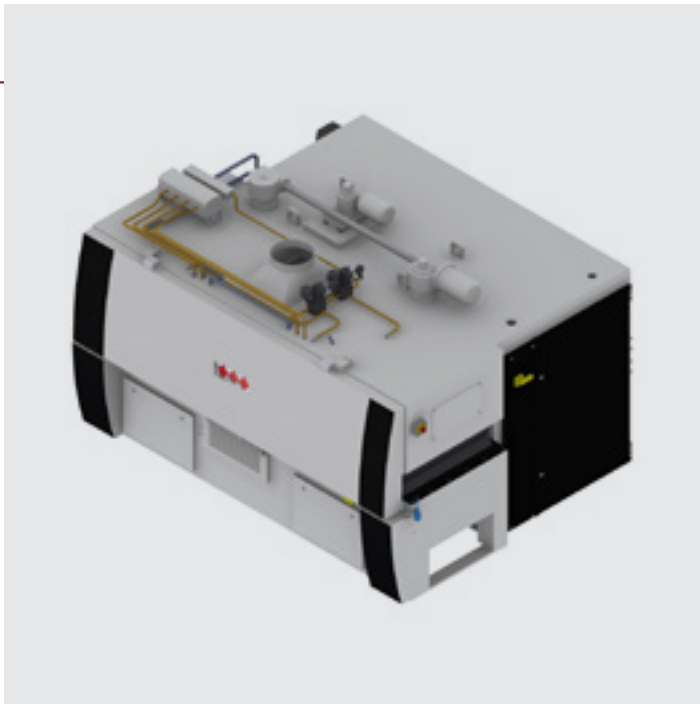
The 4 upper pressure rollers (with hydraulic hold-down cylinder) are also powered by hydraulic motors system in order to guarantee a better feeding of boards.

OIL PUMP LUBRICATION

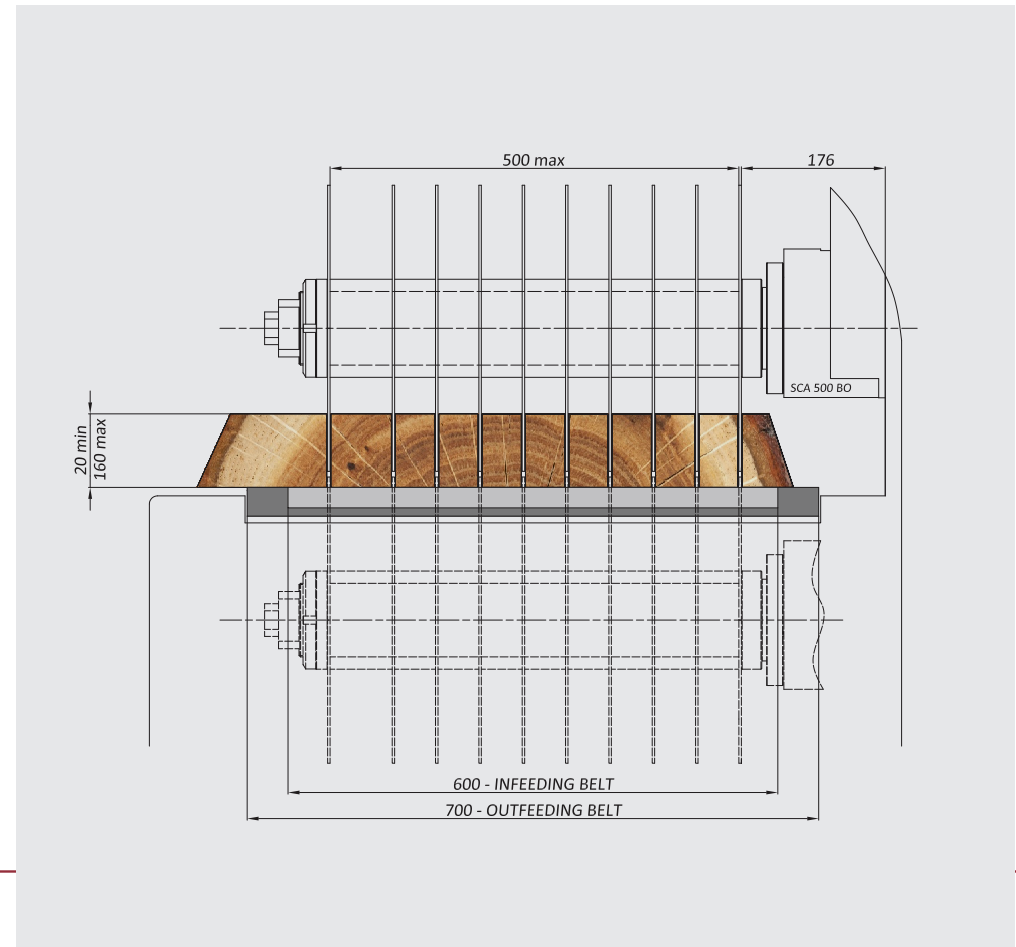


Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

SCA 500 B/O

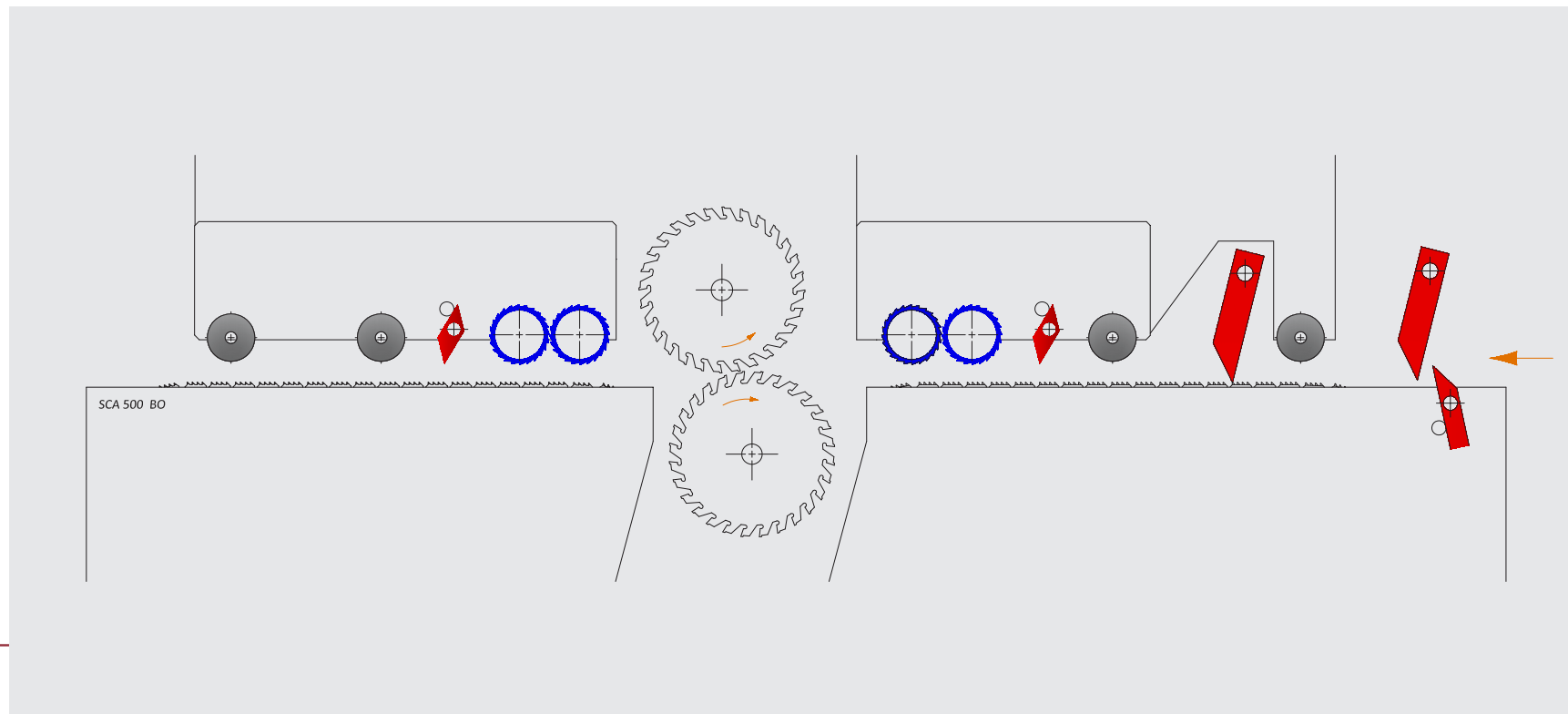


CUTTING DRAWING

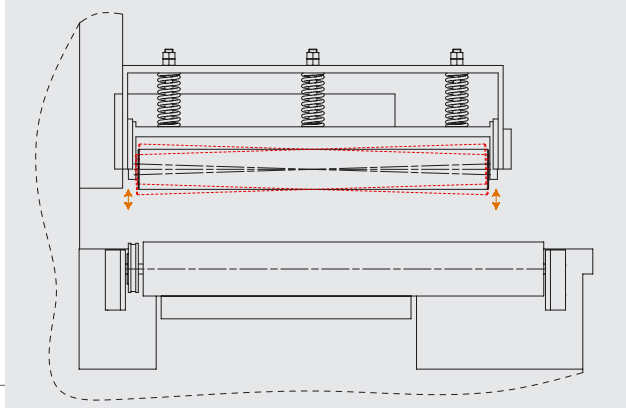


ANTI KICK BACK DRAWING

Top rollers group raised automatically, with 4 independent hold-down rolls + 4 hydraulic hold-down rolls powered by 4 hydraulic motors and a long wooden shoe placed between the blades. The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.



PRESSURE ROLLER



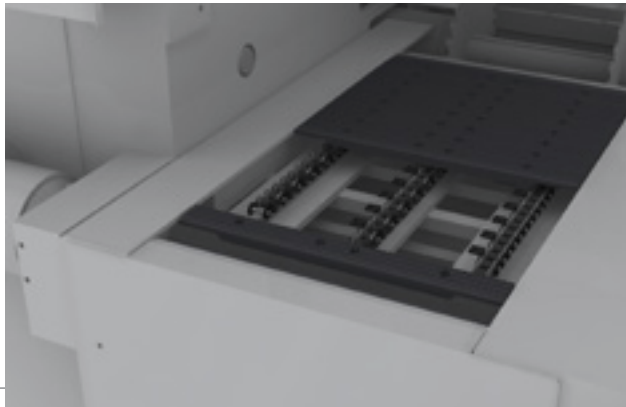
The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

FEEDING TRACK MOTOR



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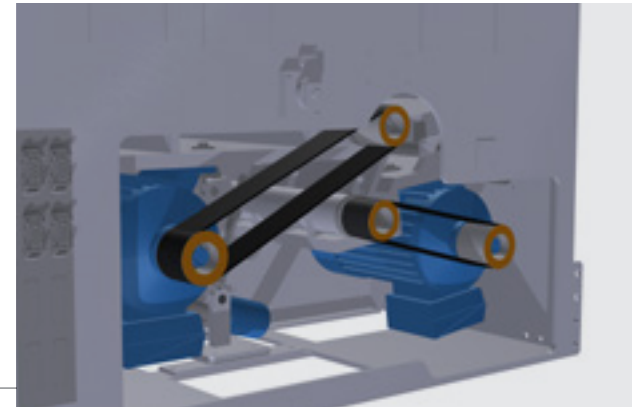
FEEDING TRACK CHAIN



The feed belts runs along 3 hardened steel guides at infeed end and 3 at outfeed end. The cast iron pad (optionally of hardened steel) is fastened on a chain thus offering the following advantages:

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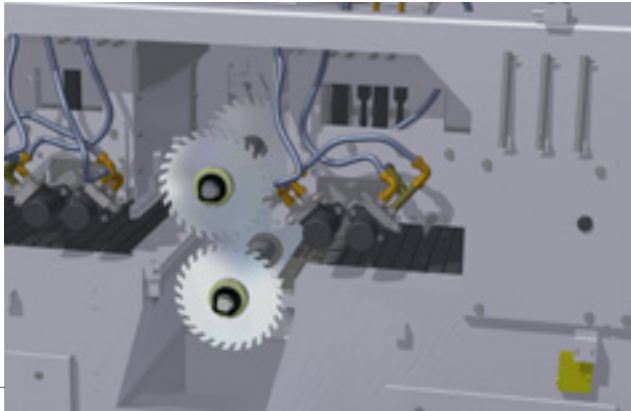
MOTOR POWER TRANSMISSION



The timing belt drive guarantees high performance and reliability:

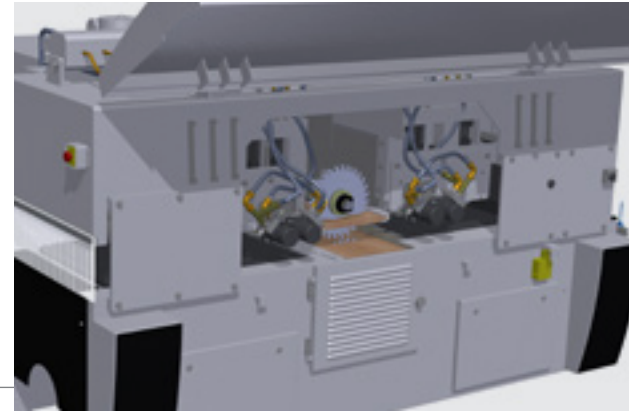
- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

MAIN SPINDLE



The surface treatment of the spindle ensures perfect running of the moving blade and long working LIFE.

HYDRAULIC PRESSURE ROLLER DEVICE



The 4 upper pressure rollers (with hydraulic hold-down cylinder) are also powered by hydraulic motors system in order to guarantee a better feeding of boards.

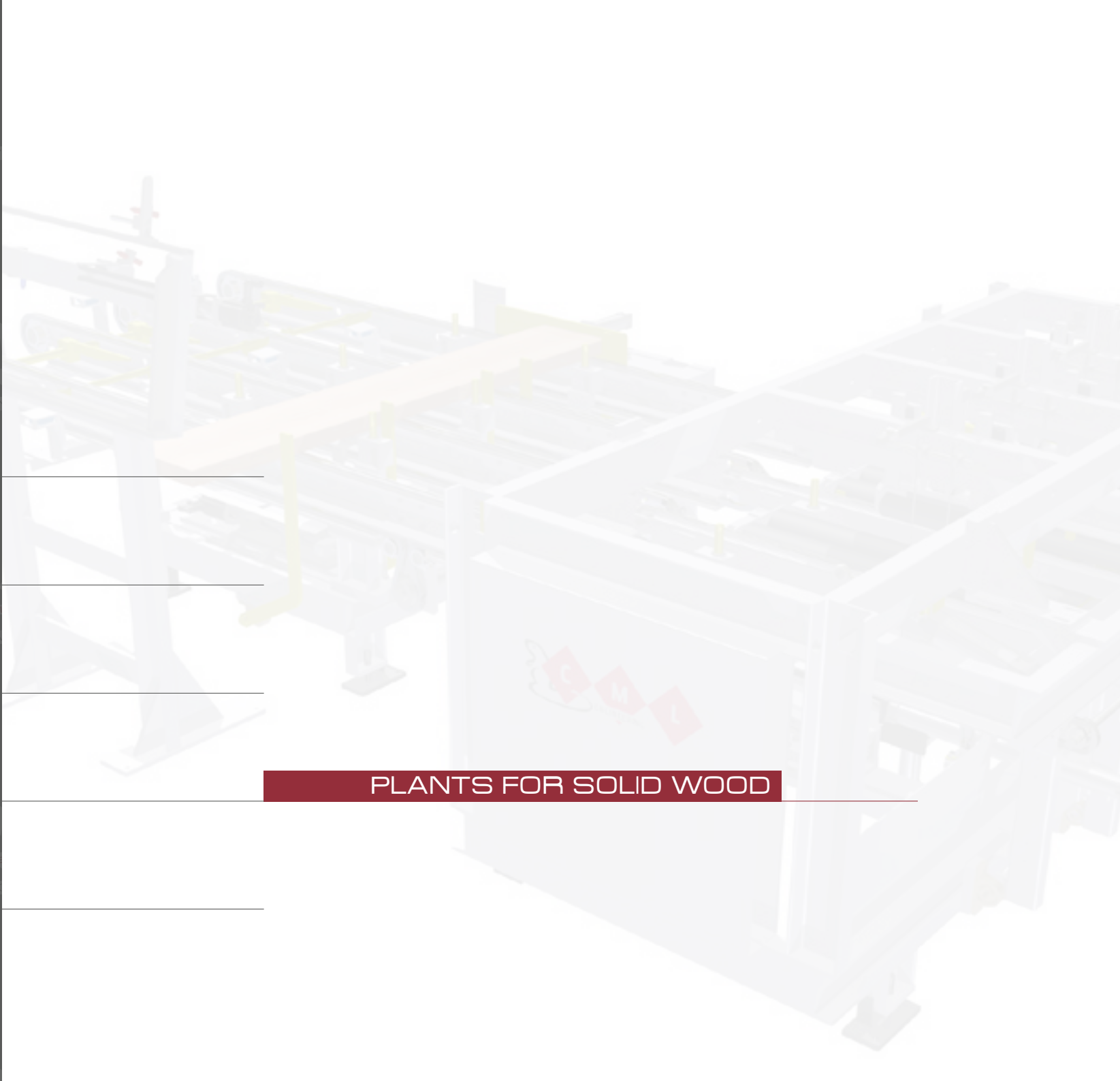
OIL PUMP LUBRICATION



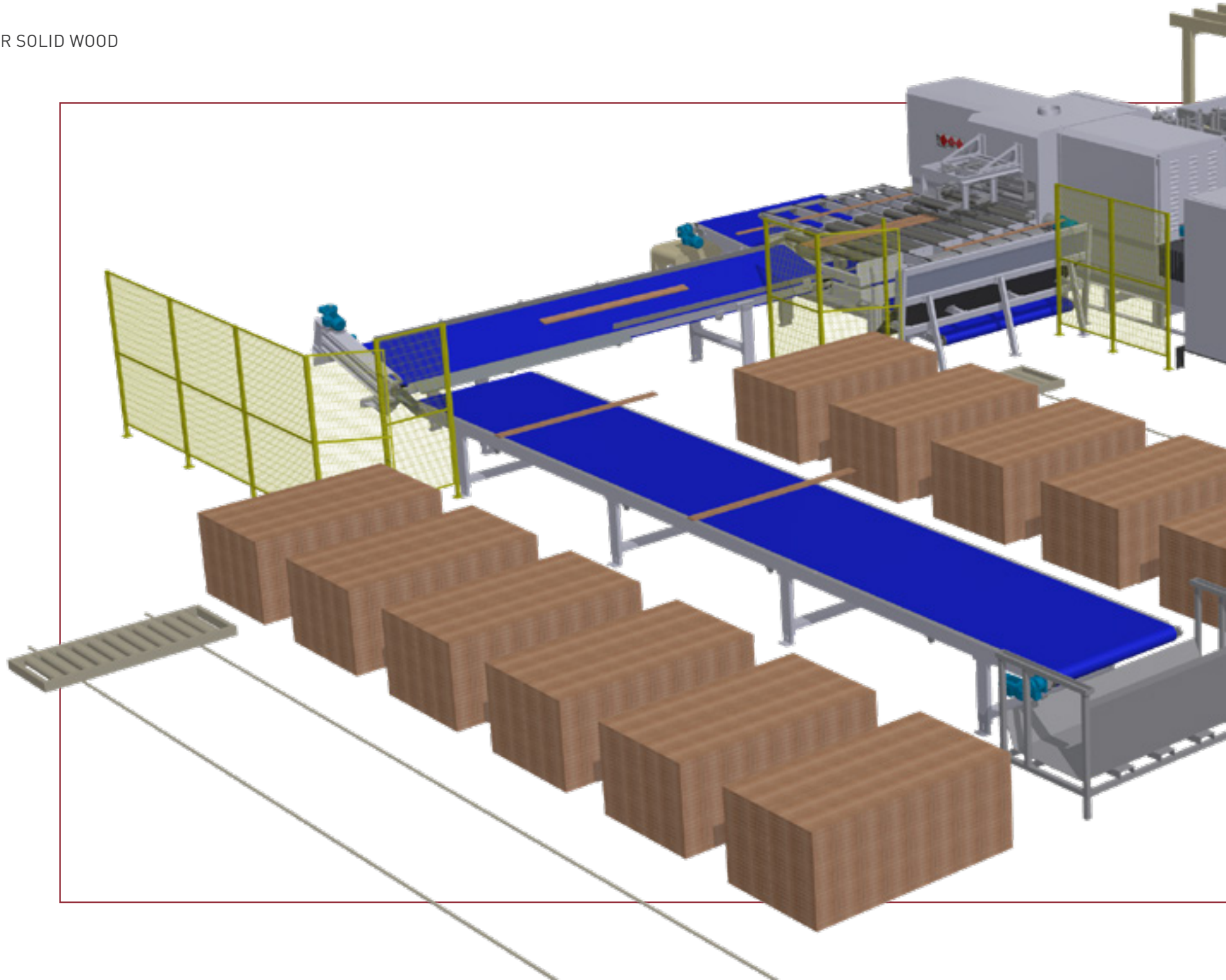
Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several setting.

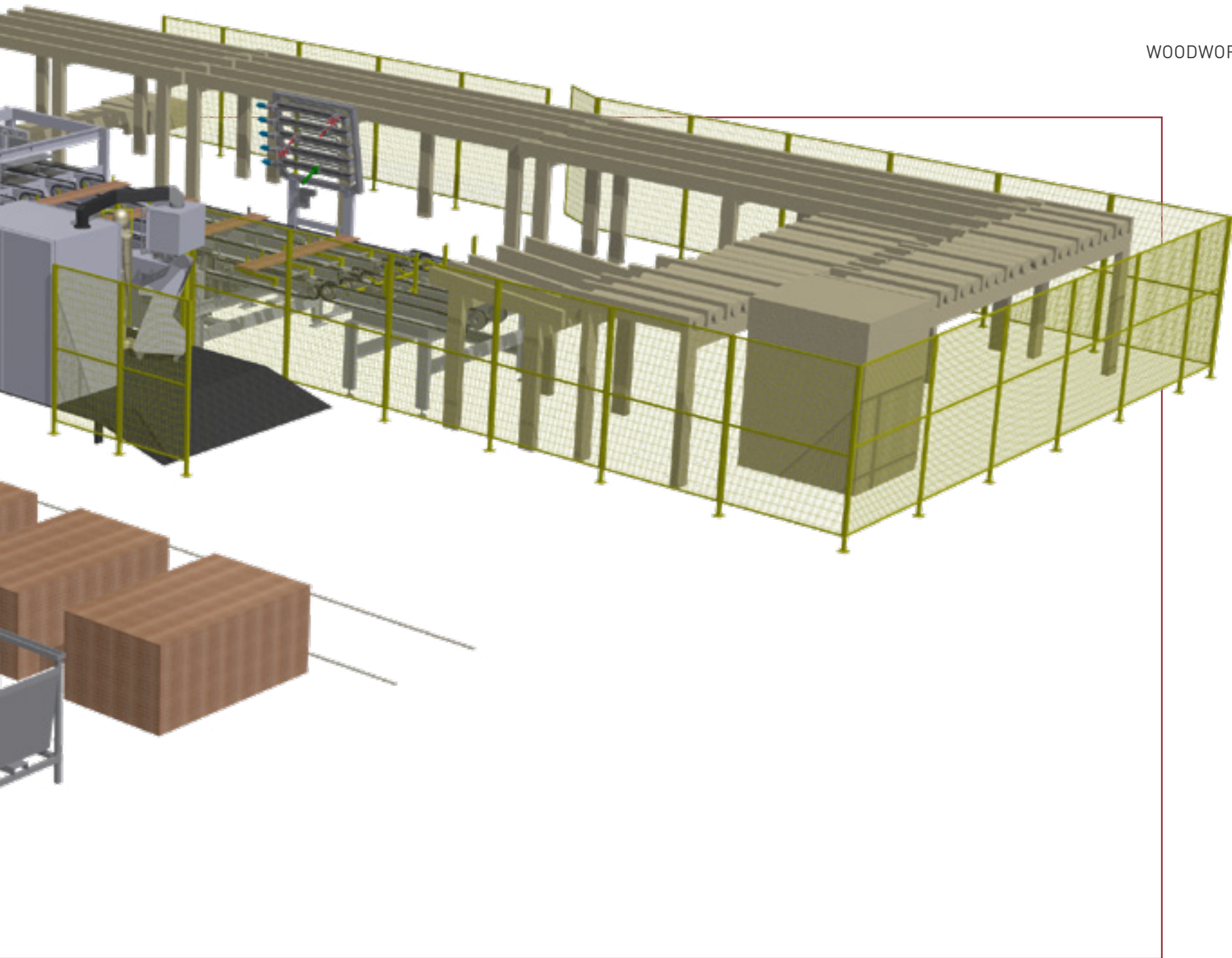
136 DOUBLE SPINDLE MULTI-RIP

TECHNICAL DETAILS	SCA 350 ST 350	SCA 400 BT 500	SCA 400 B	SCA 500 B	SCA 400 B/O	SCA 500 B/O
VOLTAGE	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz	400V / 50Hz
ASPIRATION	N° 2 x 250mm diameter port/30 meters per second/5300Mc3/h	300mm port/30 m/s 7600 m³/h (sup.) 250mm port/30 m/s 5300 m³/h (inf.)	300mm diameter port/30 meters per second/7600Mc3/h (sup.) 250mm diameter port/30 meters per second/5300Mc3/h (inf.)	300mm diameter port/30 meters per second/7600Mc3/h (sup.) 250mm diameter port/30 meters per second/5300Mc3/h (inf.)	300mm diameter port/30 meters per second/7600Mc3/h (sup.) 250mm diameter port/30 meters per second/5300Mc3/h (inf.)	300mm diameter port/30 meters per second/7600Mc3/h (sup.) 250mm diameter port/30 meters per second/5300Mc3/h (inf.)
WEIGHT MACHINE	6500Kg	9500Kg	10000 Kg	10000 Kg	10000 Kg	10000 Kg
DIMENSIONS MACHINE	L. 280cm W. 225cm H. 175cm	L. 320cm W. 232.5cm H. 195cm	L. 305cm W. 232.5cm H. 195cm	L. 299cm W. 235cm H. 185cm	L. 305cm W. 232.5cm H. 195cm	L. 299cm W. 235cm H. 185cm
BLADES MOTOR POWER	Hp 30-40-50-60-75 Kw 22-30-37-44-55	Hp 75-100-125-150-180 Kw 55-75-92-110-135	Hp 75-100-125-150-180 Kw 55-75-92-110-135	Hp 75-100-125-150-180 Kw 55-75-92-110-135	Hp 75-100-125-150-180 Kw 55-75-92-110-135	Hp 75-100-125-150-180 Kw 55-75-92-110-135
FEEDING BELT MOTOR POWER	2 x 2.25 Kw	2 x 3 Kw	2 x 3 Kw	2 x 3 Kw	30 Kw	30 Kw
FEEDING BELT SPEED	0 a 30 Mt/1"	0 a 30 Mt/1"	0-30 Mt/1"	0-30 Mt/1"	0-30 Mt/1"	0-30 Mt/1"
GROUP PRESSURE MOTOR POWER	1.5 Kw	1.5 Kw	1.5 Kw	1.5 Kw	1.5 Kw	1.5 Kw
MAX PASSAGE WIDTH PLANKS	800mm	800mm	800mm	800mm	800mm	800mm
FEED BELT WIDTH	500mm (infeeding belt) 500mm (outfeeding belt)	500mm	600mm (infeeding belt) 700mm (outfeeding belt)	600mm (infeeding belt) 700mm (outfeeding belt)	600mm (infeeding belt) 700mm (outfeeding belt)	600mm (infeeding belt) 700mm (outfeeding belt)
BLADES SHAFT ROTATION	3600 RPM	3600 RPM	3600 RPM	3600 RPM	3600 RPM	3600 RPM
MAX. CUTTING THICKNESS	180mm (with blade to D.350mm)	270mm (with blade to D.450mm)	270mm (with blade to D.450mm)	160mm (with blade to D.350mm)	270mm (with blade to D.430mm)	160mm (with blade to D.350mm)
MIN. CUTTING THICKNESS	20mm	20mm	20mm	20mm	20mm	20mm
MIN. PLANKS LENGTH	700mm	800mm	900mm	800mm	900mm	800mm
MIN. DISTANCE BETWEEN FIXED AND MOVING BLADE	16mm	✘	16mm	✘	✘	✘
MAX. DISTANCE BETWEEN FIXED AND MOVING BLADE	240mm (with 2 mobile devices intalled)	✘	240mm (with 2 mobile devices intalled)	✘	✘	✘
TABLE WORKING HEIGHT FROM FLOOR	795mm	795mm	795mm	795mm	795mm	795mm
SOUND CAMPING MATERIAL ABLE TO REDUCE NOISE	lower 15db	lower 15db	lower 15db	lower 15db	lower 15db	lower 15db
CONTROL BOARD WITH 99 MEMORY PROGRAMME	manual or automatic control	✘	✘	✘	✘	✘
CHAIN BELT AUTOMATIC LUBRICATION	●	●	●	●	●	●



PLANTS FOR SOLID WOOD





PLANTS FOR SOLID WOOD

The result of long experience and great care given to detail, our production range extends in a range articulated that offers the possibility to choose the product solution for every need.

MULTI-RIP E

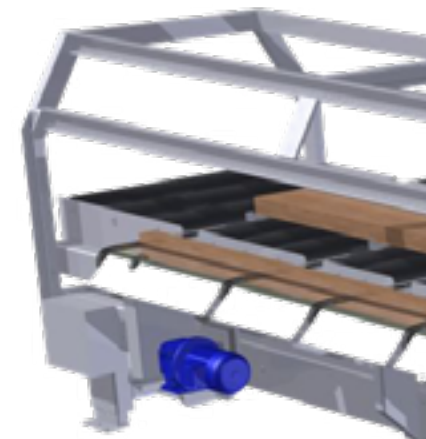
The product "E" entry level allows all customers to enter the world CML ENGINEERING SRL, giving them the opportunity to leverage our technologies even less powers dare models. This product range is equipped with the mechanical systems that distinguish the brand CML ENGINEERING.

MULTI-RIP J

The product "J" Junior allows the use of technologies already adopted on high-end products. Equipped of mechanical systems that distinguish the brand CML ENGINEERING.

MULTI-RIP SCA

The product "SCA" is equipped with all the highest technology resulting from an experience of 60 years of activity and development, surrounded by the great care given to detail. It is the reference range of our development and technology.



SRM5



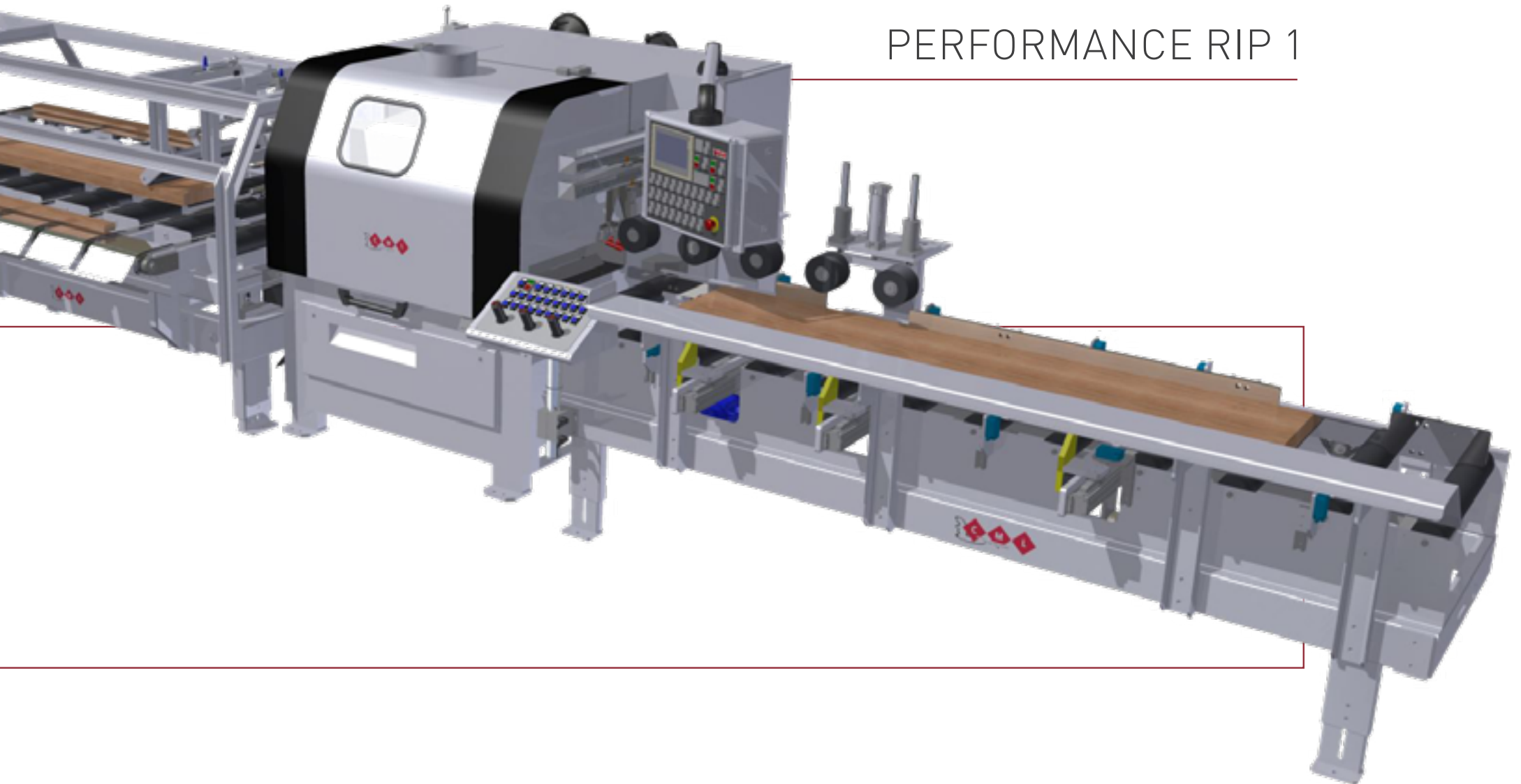
E 350



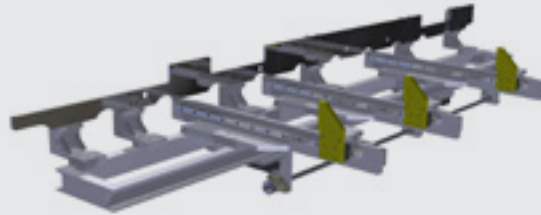
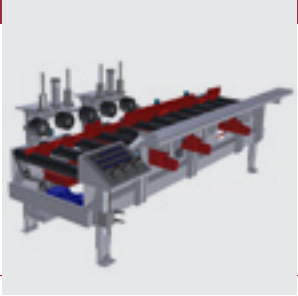
CENTRATEUR SYSTEM



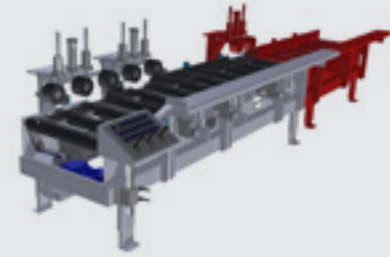
PERFORMANCE RIP 1



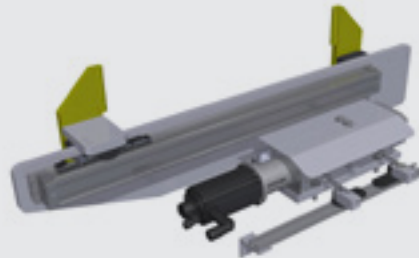
MOTORIZED FENCE



LONG BOARD DEVICE



MOTORIZED CENTERING DEVICE WITH CLAMPS

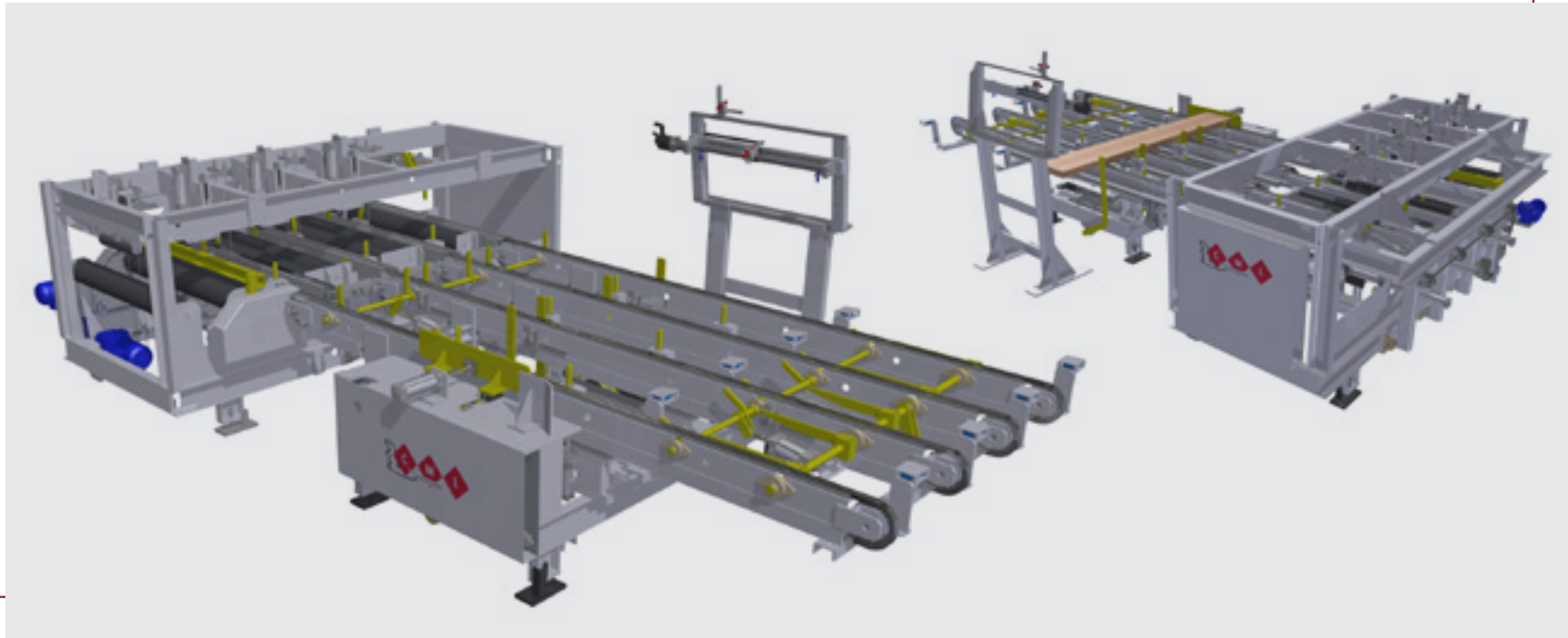


MEASURE DEVICE

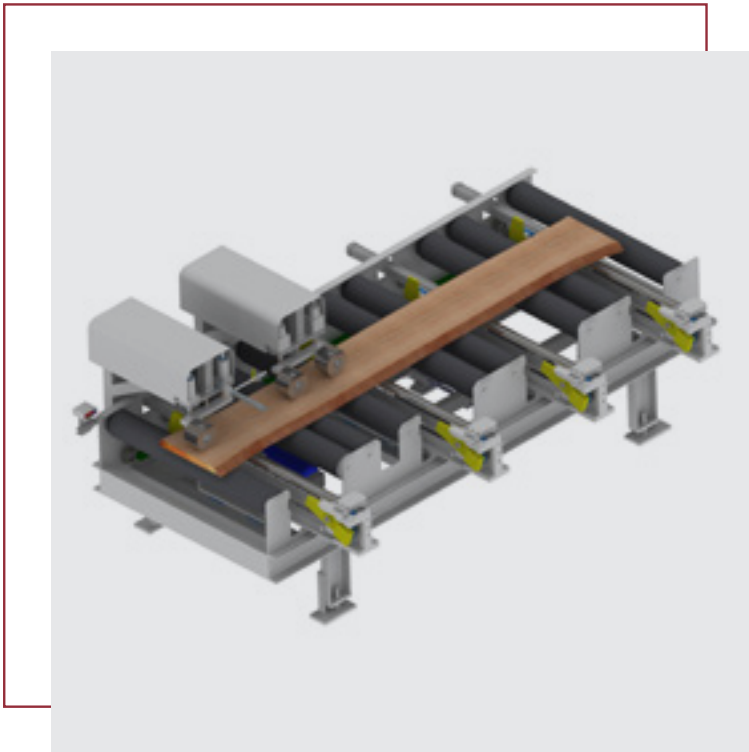


OPTIONALS

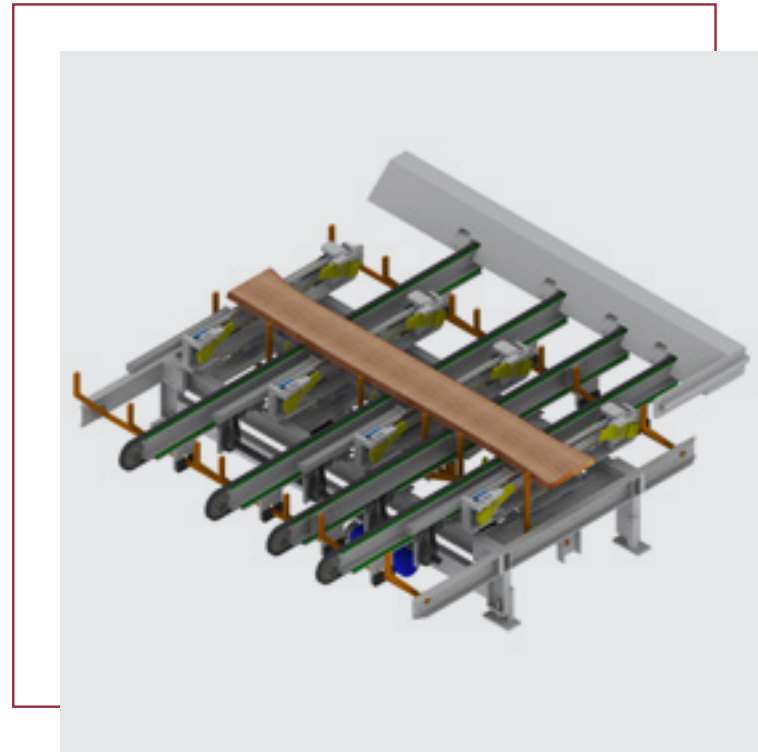
PERFORMANCE RIP 2



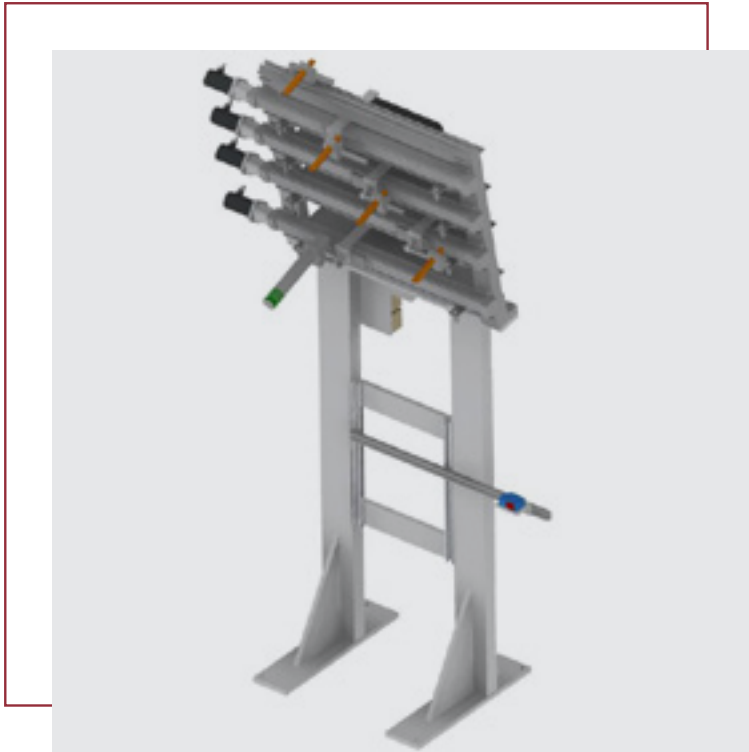
CENTRATEUR SYSTEM



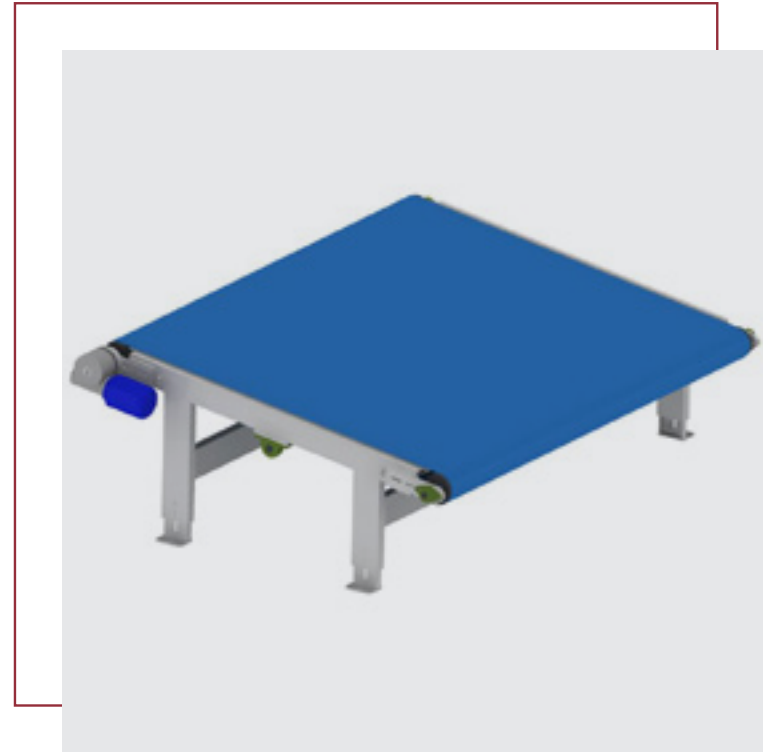
TILTING DEVICE



LASER SYSTEM



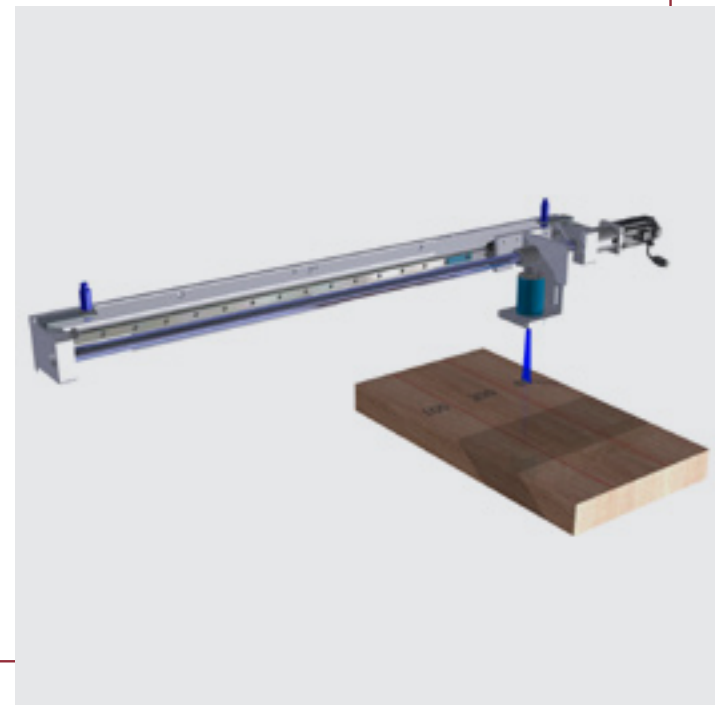
BELTS



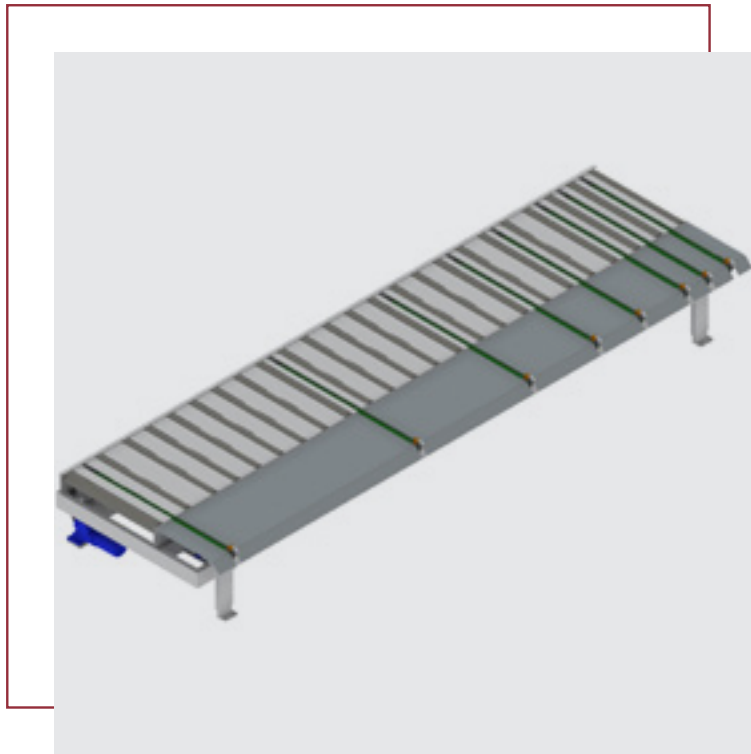
SCANNER



PRINTING DEVICE



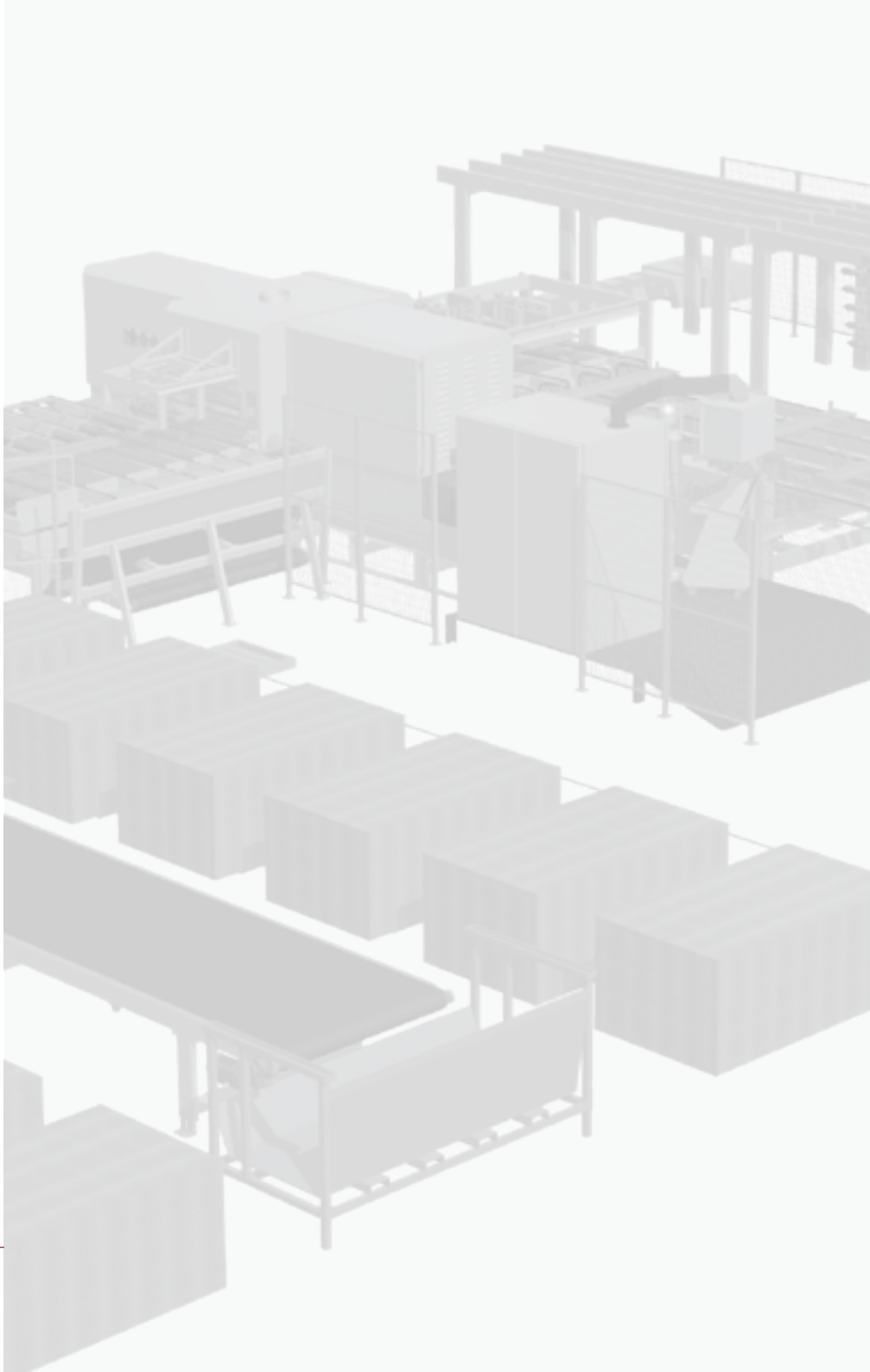
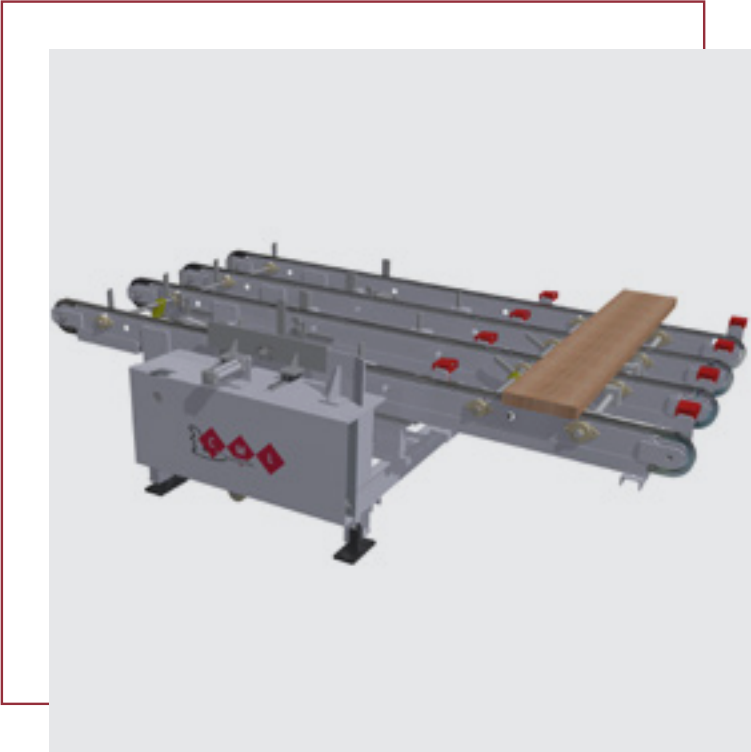
SRF



SRM 3 / SRM 4 / SRM 5 / SRM 5/1



LINE BAR MEASUREMENT





OPTIONALS

20.4



The display unit enables the operator to know, before cutting, the width of the plank prior to trimming it.

20.5



The positioner has various function:

- memory up to 99 programs
- manual positioning through foot pedal/joystick
- automatic positioning (provision for calling each single program)
- optimization - the operator moving manually with the laser, approaches the knot/fault, then after the foot pedal is released automatically, the positioner shifts the laser to the nearest value contained in the program. (Not for E350R)

20.6



The positioner has various functions:

- memory up to 99 programs for each moving blade
- manual positioning through joysticks
- automatic positioning (provision for calling each single program)
- optimization - the operator imparts commands with the joystick (advance/return push button) and the control system optimizes in different ways. (Not for E350R and SCA 200 RT 250)

20.7



The PC has very high calculation and graphic resolutions for optimizing the planks. There is provision for checking the machine productivity with N° of pieces obtained, m3 produced, m3 of rejects, and many other function. Functional capabilities are included in the software package. (Only for SCA 450 R 650 R - RV 700)

22.1



The short workpiece device offers two great advantages, namely:

- provision for trimming short pieces
- it is not possible for the tools to remove or split cracked or thin board.

22.2



The short workpiece device offers two great advantages, namely:

- provision for trimming short pieces
- it is not possible for the tools to remove or split cracked or thin board. (Not for J350R AND SCA 200RT 250)

22.3



The short workpiece device offers two great advantages, namely:

- provision for trimming short pieces
- it is not possible for the tools to remove or split cracked or thin board.



23.1

The plank outfeed device allows complete removal of the sawed material and scrap.



24.1

Application for long planks up to 6 m. (Not for J350R)



24.2

Fixed long arm.



24.3

Articulated long arm, economy model.



24.4

Pendant control.



24.5

Remote control board.



24.6

Front remote control board with wheels.



24.7

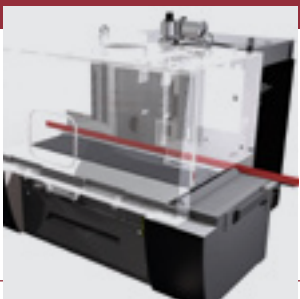
Control board complete with: control pendant box, pedestal and 4 wheels which two with brake.



24.8

Articulated long arm, heavy duty type. (Not for J350R and E350R)

OPTIONALS



25.1

Long fence up to machine output.



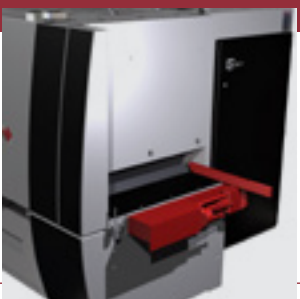
26.1

Pneumatic infeeder.
(Not for J350R and E350R)



27.1

Pneumatic one-position fence.



27.2

Pneumatic revolver fence.



27.3

Pneumatic revolver fence complete
with roller table.



27.4

Motorized fence with foot pedal.



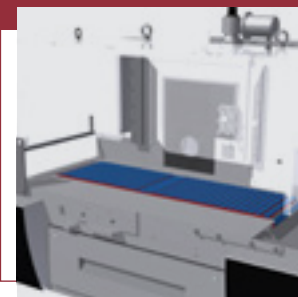
30.2

Laser 15 mw, red beam max. 6 m.



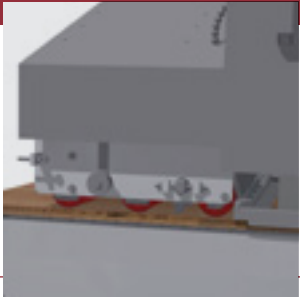
34.1

Steel feed belt.
(Not for J350R)



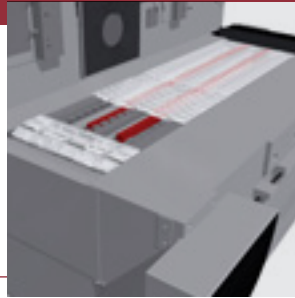
34.2

Rubber coated feed belt not to
damage wood surface.



34.3

Rubber-coated roll not to damage wood surface.



35.1

Central guide designed to reduce axial run-out of the feed belt.



36.1

Sound-damping material able to reduce noise lower 15 dB



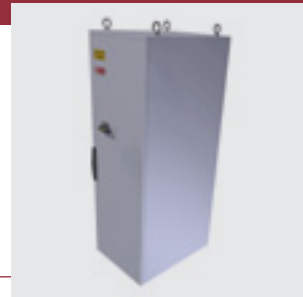
37.1

Joystick.



38.1

Runway rail.



39.1

Electrical box.



43.1

Plank aligner.
(Not for J350R)



44.1

Operator's control seat.



49.1

Electronic system for controlling feeding track. When the main motor starts to absorb all its available power, the feeding speed is decreased in proportion thus maintaining constant power absorption by the motor. (Not for J350R and e350R)

OPTIONALS

49.2



N° of blades display:

the electronic feed system proportional to the number of blades, offers great advantages:

- it safeguards the tool under all circumstances (heavy power on the main motor with just 1 or 2 saws on the sleeve)
- it ensures high productivity
- it does not cause reduction in productivity when one of the blades is unbalanced or noisy
- low cost, good quality/price ratio.

(Not for J350R and E350R)

52.1



Plank thickness display

(Only for SCA 320 R, SCA 450 R, SCA 650 and RV 700)

56.1



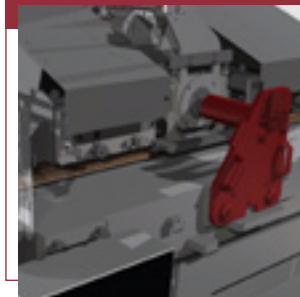
The surface machining of the roll offers improved hold of warped planks.

58



Softstart is an electronic system replacing the conventional start/delta starting. This application allows gradual start-up thus avoiding peak starting current.

61.1



The ballbearing-support offers further stability to the spindle which is already overdimensioned. (Not for J350R and E350R)