

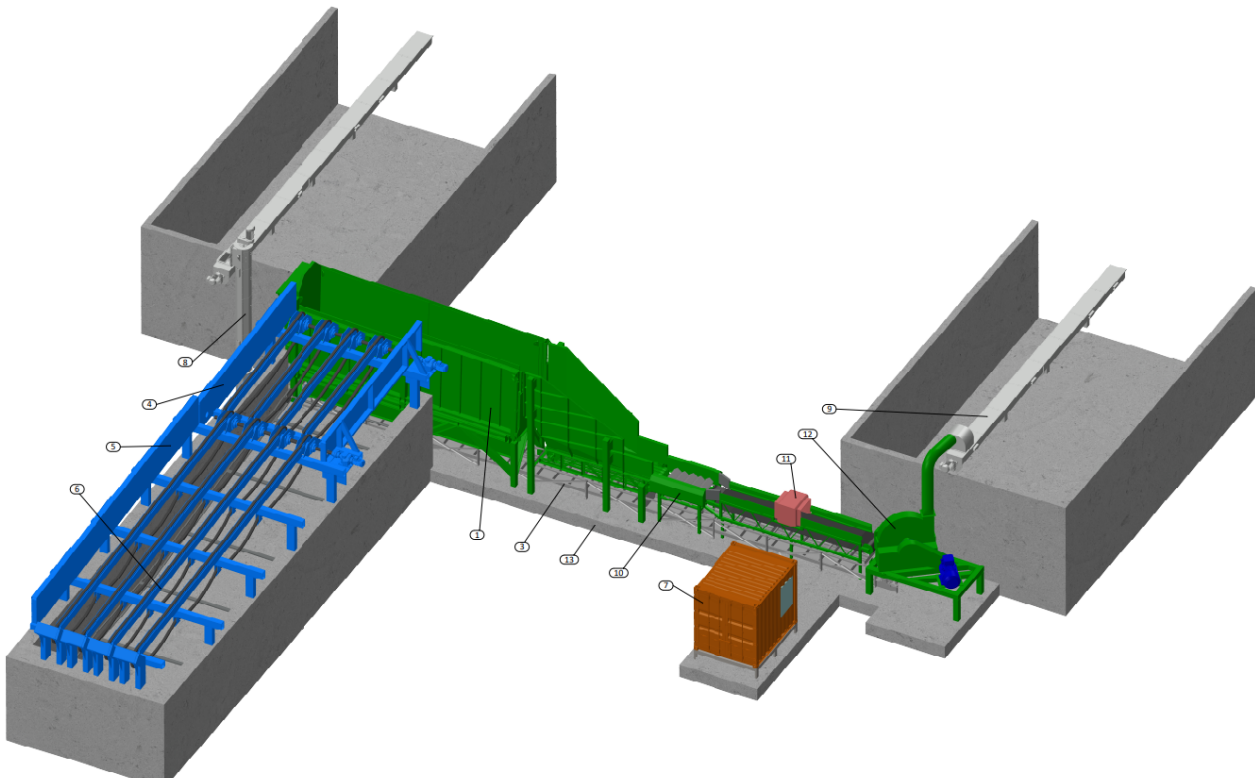


SWEDABO

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Debarking line

Debarking lines for low quality wood is mainly designed for debarking and chipping pulp wood, extremely curve logs or logs, which cannot be used for mechanical woodworking for any other reasons. Such logs are to be chipped for further processing. Singulated log feeding is not required here. The line is specially designed for debarking of heterogeneous batches, its capacity being 30m³ of logs per hour.



Debarking lines consists of:

- 1-Debarker
- 3-Conveyor to transport debarked logs
- 4,5,6,8-Log Feeder
- 7- Electric cabinet
- 10- Unit for cleaning dirt and stones
- 11- Metal detector with conveyor

RAW MATERIAL:

log diameter debarker: Ø
80 mm - Ø 500 mm max
log length: 5.000 mm
logs moisture content: mc 30%
- mc 55% production capacity
debarker: 30 m3f logs per hour

A	10	A	Debarker	1
		1	Type: 2 - rotor debarker	1
			Welded and painted steel design	

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Workshop:
Sandby 240, 819 62
Karlholmsbruk, Sweden





		Length 9 m	
		Width 2 m	
		Height 2,3 m	
		Production capacity 30 m³ of logs	
	2	per hour Gearbox engines	1
		2 x 45 kW	
		FC	
		With thermistor	1
	3	Rotation guard	2
	4	Hydraulic cates at the lower end for controlling	1
		debarking	
		degree, remote control	
	5	Support frame	1
	6	Bearings, chains, other purchased products, set	1
A 20	A	Electric-hydraulic aggregate for the debarker	1
	1	Type Hydraulic power unit	1
	1	Oil-level sensors	1
	2	max temperature sensor	1
	3	oil collection tank	1
	4	pressure manometer	1
	5	pressure connections and check valve	1
	6	tank connections with check valve	1
	7	oil level indicator (optical)	1
	8	return filter	1
	9	oil cooler and heater	1
	10	hydraulic pipes	1
A 30	A	Conveyor to remove bark	1
	1	Type chainconveyor W1200 mm	1
		Chain conveyor type, welded and painted steel	
		design	
		Length, m	15
	2	Gearbox engine Nord SK 9042.1	1
		4 kW	
		With thermistor	1
	3	Rain protection for engine and bearings	1
	4	Rotation guard	1
	5	Finges: inlet, outlet	1
	6	Support and holders	1
	7	Bearings, chains, other purchased products, set	1
A 40	A	Conveyor to transport debarked logs out of	1
		debarker	
	1	Type 8 - row chain conveyor with steel teeth	1
		Welded, bolted and painted steel	
		design Length 6 m	
	2	Gearbox engine Nord	1
		SK6282 5,5 kW	
		FC	
		With thermistor	1
	3	Rotation guard	1
	4	Rain protection for engine and bearings	1
	5	Support and holders	1
	6	Bearings, chains, other purchased products, set	1
A 50	A	Shutes	1
	1	Shutes for connecting devices. Must be prepared	3
		on site	





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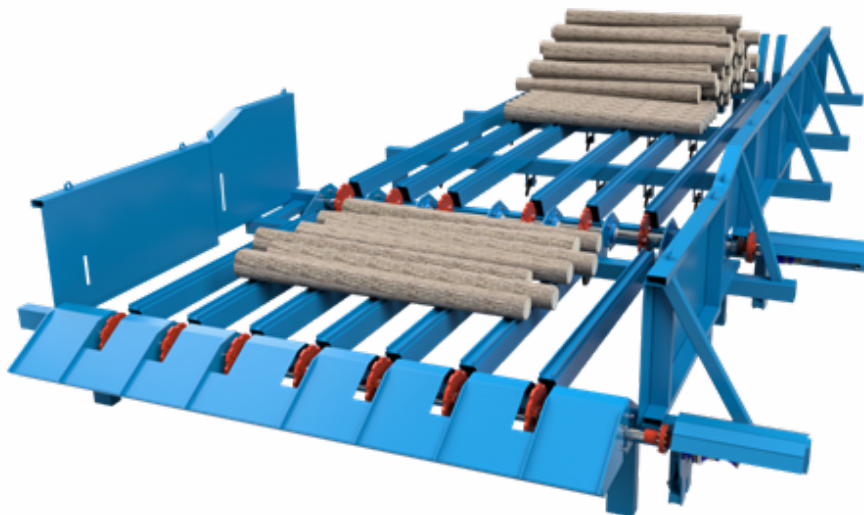


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LOG FEEDER



LOG FEEDER intended for loading and transporting timber.

Consisting of drive and turning end and 4 12.5 m long chain beams. Two sheets metal sides. For rear loading. Operation with 15 kW electric motor on shaft-mounted planetary gear.

Variable speed 3-10 m/min. via frequency converter for constant torque. The conveyor thus keeps a risk zone clean where manual cleaning is not applicable.

The scraper runs in the concrete trough under the machinery and deposits the cleaned material into the pocket at the drive end of the scraper.

Specification:

1. Log length: 3..5,2 (m);
2. Log diam.: ..600 (mm);
3. Log feed: up to 10 logs/min
4. Jack buffer: up to 75 m3

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Metal Detector with conveyer



METRON 05 D Metal Detector Divisible metal detector for installation in belt or vibratory conveyors. Primarily used with bigger bulk heights to protect size reduction equipment.

Surface: steel

Protection rating: IP54

Electronics assembly: Attached

Sensitive width: 800 mm

Aperture width: 1.080 mm

Aperture height: 800 mm

Orientation: Horizontal - Not defined

Power supply 100-240VAC 50-60Hz LNPE - Power cable type DIN

Operating language: English

Documentation: 2x GB

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spiral conveyor from PST

TECHNICAL

Material	Mild Steel
	Stainless Steel AISI 304
Capacit	1-500m3/h
Length	up to 70m (horizontal/inclined) up to 25
Wear	PEHD1000, antistatic Hardox bars
	Stainless steel bars Stainless
Spiral	25-715

VERTICAL SYSTEM



The V-System is an ideal solution where floor space is limited.

Going vertical can enable a small area to be efficiently, and profitably utilized.

A PST spiral is the core of our conveyor systems; and we produce both single spirals, and spirals fitted with one, or more inner spirals which increase both capacity and strength. The majority of our conveyors are fitted with shaftless spirals; but we also produce spirals with an inner shaft if your applications so requires.

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