

AP600

Asphalt Paver



Cat® 3056E Engine

| | |
|-------------------------------------|---------------|
| Gross Power (SAE J1995) at 2200 rpm | 129 kW/173 hp |
| Net Power (ISO 9249) at 2200 rpm | 121 kW/162 hp |

Operating Weight with

| | |
|---------------|-----------|
| AS3251 Screed | 17 800 kg |
| AS4251 Screed | 18 100 kg |

Hopper Capacity

5.5 m³

Standard Paving Range

| | |
|---------------|--------------|
| AS3251 Screed | 2500-4700 mm |
| AS4251 Screed | 2550-5000 mm |

Maximum Paving Width

| | |
|---------------|---------|
| AS3251 Screed | 7500 mm |
| AS4251 Screed | 7800 mm |

AP600 Asphalt Paver

The new AP600 combines fuel efficiency, optimized performance and simplified service, speed and job versatility to maximize productivity.

Cat® 3056E Engine

The diesel engine incorporates the proven technology from previous Cat® engines providing high reliability, durability and easy servicing. Meets European EU Stage II engine emission regulations. The high capacity cooling system performs efficiently in high ambient temperatures. The system provides a cooler working environment for the tractor and screed operators. **pg. 4**

Suspension System

The AP600 is equipped with two large tread drive tyres and four front solid-rubber steering bogie wheels providing optimum ground contact and smooth operation. **pg. 5**

Material Handling System

The AP600 provides precise mix delivery through an advanced material handling system. The system efficiently reduces component wear and minimizes the potential for mix segregation. **pg. 7**

Propel System

The hydrostatic propel system eliminates chains and other mechanical linkages between the diesel engine and final drive components. The propel pump provides optimum displacement enhancing servicing. The front wheel assist increases rimpull power providing enhanced traction. **pg. 5**

Operator's Station

Two different configurations. The single operator's station can be electrically positioned over the entire width of the asphalt paver whilst the dual operator station configuration includes two seats fitted on mechanically sliding semi-platforms. **pg. 6**

Performance and reliability you expect.

Overall dimensions, weights distribution, easy to operate and great performances are the basic features of the new AP600. With many enhanced features and options, the AP600 offers optimum flexibility ranging from new construction, resurfacing and maintenance with either hot and/or modified bituminous mix and aggregate production.



Generator (Optional)

The generator provides continuous and simple control in paving operations for ground crew usage. This integrated generator supplies power to the electrically heated screed providing high reliability. **pg. 8**

Auxiliary Rear Control Panel

The right-hand auxiliary rear control panel provides full control for tamper and vibrators frequencies, screed assist & counterbalance adjustment and augers group raising/lowering. **pg. 8**

Screeds

The AP600 is available with the AS3251 screed and the AS4251 screed both available with variable frequency tamper and vibrators and with LPG and electric heating system. All screeds lay material to the desired width and depth while providing a smooth finish with initial compaction. **pg. 9**

Serviceability

The AP600 provides excellent access to all machine parts requiring scheduled maintenance. Large service panels ensure quick and easy inspection of the main parts. Transverse engine mounting provides ground-level access to hydraulic pumps and the engine cooling system. Color-coded and numbered wiring simplifies troubleshooting of the electrical systems. **pg. 10**



Caterpillar® Diesel Engine

Model 3056E ATAAC is a high-tech six cylinder diesel engine designed to provide quiet performance, high reliability, easy servicing and excellent fuel economy.



Optimum power. The engine performs at a full-rated gross power of 129 kW (173 hp) at 2200 rpm providing great performance and high efficiency in paving operation. Meets European EU Stage II engine emission regulations.

Turbocharged and air-to-air aftercooling. High horsepower with increased response time is assured while keeping exhaust temperatures low for long hours of continuous operation.

Air-to-air aftercooling (ATAAC).

Air intake temperatures are maintained low and in concert with the tight tolerance combustion chamber components, maximizing fuel efficiency and minimizing emissions. The system generates significant improvements in air flow in order to improve efficiency and reduce emissions.

Low transverse engine mounting.

Provide better cooling performance and easy accessibility for service. Large service panels guarantee easy servicing operations and access to the hydraulic pumps and external engine components.

Fuel injection. Heavy duty unit-type fuel injection and low pressure fuel lines minimize opportunity for fuel leaks.

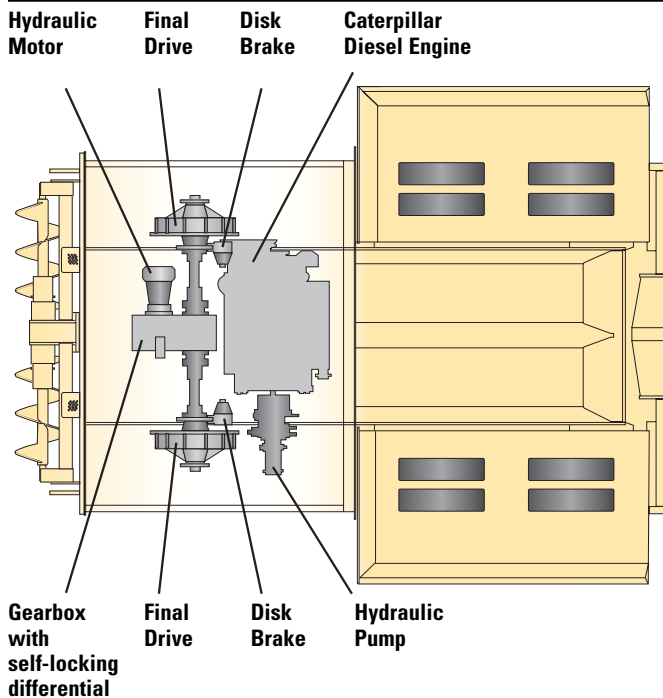
Intake manifold heater. Preheats incoming air for quick cold weather starting.



Cooling system. The high capacity cooling system provides cool intake air in order to maximize fuel efficiency and minimize emissions. The system promotes operator comfort by drawing ambient air through the engine compartment and exhausting it on the right side of the machine, away from the operator.

Propel System

Efficient hydrostatic propel system eliminates chains and other mechanical linkages between the engine and final drive components.



Closed-loop hydrostatic propel system. Provides accurate control of propulsion and low-maintenance operation.

Hydrostatic pump. The propel system of AP600 drives the rear wheels with a variable displacement pump and fixed displacement axial piston motor directly splined to a servo-assisted two-speed gearbox. The propel pump is infinitely variable and electronically controlled for starting and stopping ramps.

Front Wheel Assist. The system adds hydrostatic propel power to two of the four front steering wheels. The front wheel assist increases rimpull power, providing enhanced traction.

Speed control. Infinite speed selection within two propel ranges: one in working mode and one in travel mode, to select the best speed range according to operating modes.

Propulsion control. An electro-proportional servo-control provides machine starting and stopping (for asphalt supply, etc.) with no pre-set working speed variation.

Mechanical benefits. Because the system is completely hydrostatic, there are no mechanical linkages such as gear cases, transmissions or chains between the engine power take-off and the drive system. This results in a significant reduction in mechanical parts and less chance for mechanical failure.

Suspension System

The wheel-type asphalt paver provides optimum weight distribution, tractive effort assuring great performance.



Wheel-type tractor. The AP600 is equipped with two large tread drive tyres. The four front solid-rubber steering bogie wheels are mounted to the front oscillating axle rocker arms for maximum ground contact and smooth operation over high and low spots.

Wheel base. The long wheel base provides enhanced tractive effort and stability on soft base materials.

Two-speed planetary drive. A fixed displacement motor drive two-speed planetary drive gearbox in order to provide infinitely variable speed selection.

Operator's Station

Single and dual operator stations provide complete control and optimum visibility from either side of the operating platform.



Single operator's station. The single operator's station can be electrically positioned over the entire width of the asphalt paver.

Dual operator's station. The ergonomic dual operator's station incorporate two adjustable suspension seats fitted on mechanically sliding semi-platforms.

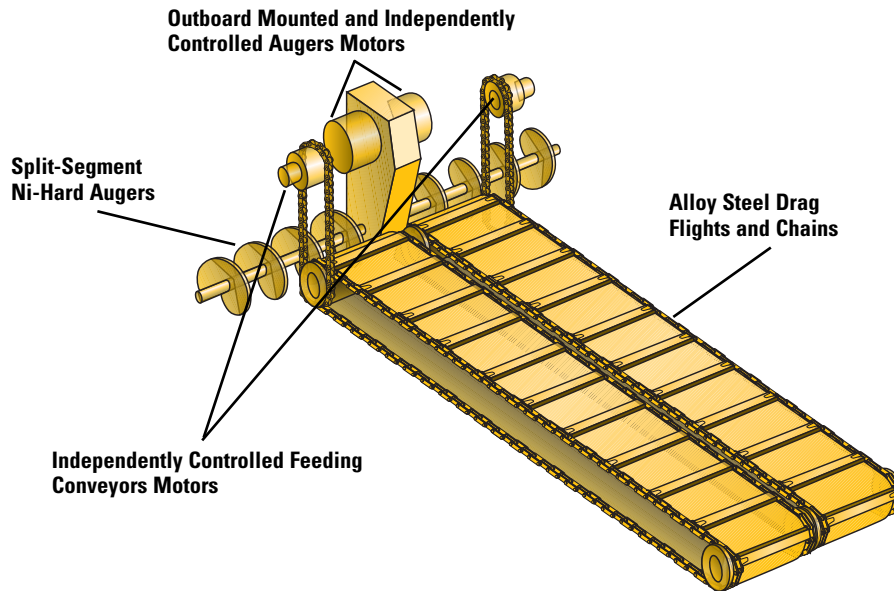
Enhanced visibility. Both operator seats and console panel are mounted on pivoting pedestals enabling the operator to rotate either to the left or right. The stations can extend beyond the machine frame for optimum visibility when joint matching or while paving other applications where precise control is required. With the engine mounted forward and low in frame, the operator is positioned away from engine heat and exhaust.

Control console. The sliding operator's console panel is fully equipped with comprehensive controls allowing the operator to conveniently monitor all machine functions. A multifunctional LCD-display fitted to the console panel provides detailed information regarding the operating parameters of machine and engine. A lockable vandal cover protects console controls.

Canopy option. Two optional canopies are available: folding canopy or hydraulic raising canopy. Both canopies provide full width with two side extending wings for optimum comfort and protection. Canopies can be lowered (manually or hydraulically) for easy transportation.

Material Handling System

Precise mix delivery and productivity through an advanced material handling system.



Hoppers. The independent movement of the two hoppers is provided by means of two hydraulic cylinders assuring efficient material flow. Wear-resisting steel provides conveyors and hopper bottom plate for long wear life.

Feeding conveyors. Two feeding conveyors are independently controlled and proportionally driven by two ultrasonic sensors. Conveyor rotation can also be inverted from either operator's console panel or from rear screed control boxes. Conveyors have drive chains to maximize the live conveyor area and reduce center line segregation. This design also provides greater ease of servicing the conveyor drive system. In order to control mix delivery, the operator sets a speed rate for each conveyor that will maintain the desired mix level in the left and right auger chambers.

Auger assembly. Two independently controlled augers spread the material conveyed to both sides. Auger rotation speed can be varied automatically to ensure a homogeneous distribution of material before the screed.

Two ultrasonic wave detectors control proportional augers movement and can be adjusted from the screed control boxes.

Conveyors and augers design eliminate voids under chain case to minimize segregation.

Augers have outboard mounted motors for easy serviceability.

Optimum productivity. The material handling system allows the operator to maintain an uninterrupted flow of material from the hoppers to the screed. The system is responsible for maintaining the proper head of material - the volume of asphalt in front of and across the length of the screed.



Adjustable height auger assembly.

Augers are reversible and hydraulically adjustable in height providing benefits to mat quality and better distribution of material in front of the screed.

The ability to raise the auger assembly simplifies loading and unloading from a transport vehicle. Also, when working with larger stone mixes, segregation can often be eliminated or minimized by raising the augers to allow mix to flow unrestricted under auger assembly.

Optional Generator System

Continuous-duty integrated design ensures peak performance and high reliability.



Industrial, continuous-duty generator. Working range from 1250 to 2200 rpm provides high reliability and low sound levels.

Single control switch. A single control switch located on the tractor's operating console activates the generator.

Full power. The integrated, tractor-mounted generator provides full power to the electric screed while the engine is operating from 1250 rpm.

Circuit breaker protection. Extend service life and internal electronic voltage regulation system provides consistent power.

Auxiliary Rear Control Panel

Full control of tamper and vibrators frequencies for easy ground crew usage.



Right-hand auxiliary rear control panel. Mounted on the right rear side of the tractor provides constant and easy control for ground crew usage during paving operations.

Monitoring and adjustment. Tamper and vibrators frequencies, screed assist & counterbalance system and augers group are conveniently controlled on the panel.

Screed assist. An electro-hydraulic device maintains a constant screed pressure on the bituminous mix, independently from the mix bearing capacity and the paving width. Screed assist and counterbalance system guarantees superior mat quality and flatness regardless of the speed variations and machine stops for material refilling.

Lockable panel cover. The lockable vandal cover efficiently protects panel controls.

- | | |
|---|---|
| 1 Tamper Adjustment Potentiometer | 5 Automatic Screed Assist Pressure Adjustment Potentiometer |
| 2 Adjusting Tamper Starting Potentiometer | 6 Screed Assist Stand-by Pressure Adjustment Potentiometer |
| 3 Vibrator Adjustment Potentiometer | 7 Augers Unit Lift/Lower Switch |
| 4 Screed Assist Pressure Gauge | 8 Optional Tamper rpm Display |

Screeds

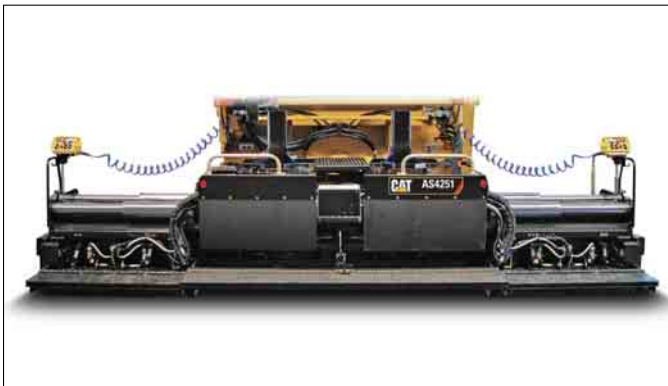
Electric heated and LPG hydraulic screeds combine the flexibility to match equipment to operator preferences or job requirements.



Screed choices. The AP600 is available with the AS3251 screed and the AS4251 screed both available with variable frequency tamper and vibrators and with LPG and electric heating system.

AS3251 screed. Hydraulic power extendible asphalt screed, it paves from 2500 mm to 4700 mm. With solid extensions added to both sides, maximum paving width is 7500 mm.

AS4251 screed. Double width hydraulic power extendible asphalt screed, it paves from 2550 mm to 5000 mm. With solid extensions added to both sides, maximum paving width is 7840 mm.



Tamper and vibrator. For all screed models are operated automatically when the asphalt paver advances following a preset ramp. Tamper starting and stopping ramps are adjustable in order to maintain an optimum mat finish even with the AP600 stopped during material reloading operations. All screeds are equipped with electronic ignition, automatic and independent adjustment of the smoothing plate temperature for central and each mobil plate.

Electric heating system. The electric heating system features a tractor-mounted generator, replaceable heating elements and operator friendly controls providing an operator-friendly environment. The system is equipped with automatic adjustment of the smoothing plate and tamper bar temperature for central, each mobile plate and bolt-on extensions up to 7500 mm. Rapid screed preheating is obtained at low engine rpm for quiet operation. Heavy-duty, user-friendly screed heating control unit with self-diagnostic control is positioned at the rear of the machine for easy ground crew usage.

* Refer to the Screeds Specalogs for more detailed information.

Reliability and Serviceability

Reliability and serviceability are integrated into every Caterpillar machine. These important features keep your machine investment profitable.



The AP600 asphalt paver has been designed for easy service and maintenance with special attention given to component access.

Large access doors and panels. Ensure quick and easy inspection of the main parts. The service doors and panels also provide optimum ground level serviceability and easy access to the hydraulic pumps and external engine components.

Low transversely mounted engine. Provides optimum access to the hydraulic pumps mounted to the right side of the engine. The front service panel features a single wide hinged door that provides easy filter and traction valves serviceability.

Propel pump servicing. The optimum displacement of the propel pump provide enhanced servicing.

Ergonomic operator stations. Equipped with rotating seats and console panel provide optimum comfort, all-around visibility and easy control during machine operations.

Hydraulic motors servicing. Hydraulic motors for augers are fitted outboard for improved accessibility and serviceability. The auxiliary and front power-assist drive solenoid valves blocks have been conveniently fitted centrally simplifying checking and adjustments.

Hydraulic hoses and electrical wiring harnesses. Cleanly routed and clamped to reduce wear and provide easy service.

Exposed hoses. Provided with nylon sleeve protection to reduce abrasion.

Vibrator system hydraulic lines. Cat XT™ hoses provide optimum durability and resistance to damage.

Integrity of the electrical system. Is ensured with the use of high-quality components.

The Caterpillar electrical standards. Enhance reliability and durability, feature numbered and color-coded wires. Nylon-braided wrap efficiently protects the electrical wires.

Electrical schematics. Detailing wire numbers, wire colors and component part numbers are located in the electrical schematic technical publication.

Engine

Six cylinder Caterpillar® 3056E ATAAC, turbocharged air-to-air after-cooled diesel engine. Meets European EU Stage II engine emission regulations.

| | |
|-----------------|---------------|
| Gross Power | 2200 rpm |
| SAE J1995 | 129 kW/173 hp |
| Rated Net Power | 2200 rpm |
| ISO 9249 | 121 kW/162 hp |
| EEC 80/1269 | 121 kW/162 hp |
| Bore | 100 mm |
| Stroke | 127 mm |
| Displacement | 6 liters |

- All engine horsepower (hp) are metric including front page.
- Net power ratings are tested at the reference conditions for the specified standard.
- Net power advertised is the power available at the flywheel when the engine is equipped with alternator, air cleaner, muffler and fan.

Propel System

- A closed-loop hydrostatic propel system provides accurate control of propulsion. The propel system of AP600 drives the rear wheels with a variable displacement pump and fixed displacement axial piston motor directly splined to a servo-assisted two-speed gearbox. The propel pump is infinitely variable and electronically controlled for starting and stopping ramps.
- The front wheel assist provides enhanced traction increasing rimpull power.
- An electro-proportional servo-control provides machine starting and stopping with no pre-set working speed variation.
- The high-capacity cooling system promotes operator comfort by drawing ambient air through the engine compartment and exhausting it on the right side of the machine, away from the operator.

Max. Speeds (forward and reverse):

| | |
|-----------|-----------|
| Operating | 0-60 mpm |
| Travel | 0-15 km/h |

Suspension

- The AP600 is equipped with two large tread drive tyres. The four front solid-rubber steering bogie wheels are mounted to the front oscillating axle rocker arms for maximum ground contact and smooth operation over high and low spots.
- The long wheel base provides enhanced tractive effort and stability on soft base materials.

| | |
|------------|---------|
| Wheel base | 2290 mm |
|------------|---------|

Brakes

Primary Brake Features

- Closed-loop hydrostatic drive provides dynamic braking during normal operation.

Parking Brake Features

- The hydrostatic drive acts as the service brake and is hydraulically and proportionally applied via a brake pedal besides the operator's console panel.
- Safety and parking brakes are mechanical multi-disk spring-applied brakes.
- Parking brake is automatically applied with the machine in "stand-by" mode.
- When required the brakes can be released manually.

Steering

Hydraulic power-assist steering system provides smooth, low effort steering by means of a steering wheel on the console panel.

Features

- An automotive-type steering wheel is used to control direction. The steering wheel controls the four front wheels by a modulated hydraulic cylinder.
- The four front steering wheels are mounted in pairs of oscillating bogies, providing maximum ground contact and smooth operation even on irregular terrain.
- The wide tread section of the rear tyres assures optimum maneuverability and high tractive performance on all types of terrains and slopes.

Turning Radius

| | |
|---------|---------|
| Minimum | 3900 mm |
|---------|---------|

Operator's Station

The AP600 can be equipped with two different operator's station configurations. Both of these configurations include an optional folding canopy cover for operator comfort. The single operator's station can be electrically positioned over the entire width of the asphalt paver whilst the dual operator station configuration includes two seats fitted on mechanically sliding semi-platforms. Both configurations also include operator seats and console panel mounted on pivoting pedestals enabling the operator to rotate either to the left or right for enhanced visibility.

The sliding operator's console panel of the AP600 is fully equipped with comprehensive controls allowing the operator to conveniently monitor all machine functions. In addition a multifunctional LCD-display fitted to the console panel provides detailed information regarding the operating parameters of the machine and engine. A lockable vandal cover protects console controls.

Controls operating tamper, vibration and screed assist are also located at the rear of the machine for ground crew usage.

With the engine mounted forward and low in the frame, the operator has excellent visibility into the hopper. The operator is also positioned away from the engine heat and exhaust.

Conveyors and Augers

The independent movement of the two hoppers is obtained by means of two hydraulic cylinders. Two feeding conveyors, manufactured with abrasion resistant-steel, are independently controlled and proportionally driven by two ultrasonic sensors. Conveyor rotation can also be inverted from either operator's console panel or from rear screed control boxes.

Two independently controlled augers spread the material conveyed to both sides. Auger rotation speed can be varied automatically to ensure a homogeneous distribution of material before the screed. Two ultrasonic wave detectors control proportional auger movement and can be adjusted from the screed control boxes. The augers are reversible and hydraulically adjustable in height providing benefits to mat quality and better distribution of material in front of the screed.

Electrical System

The 24-volt electrical system consists of two 12-volt batteries and a 24-volt, 55 amp alternator. Integrity of the electrical system on Cat machines is ensured with the use of high-quality components. The Caterpillar electrical standards, developed to enhance reliability and durability, feature soldered, molded, numbered and wires with nylon-braided wrap to protect the electrical harness.

All wiring and harnesses are routed away from areas that may cause wear or damage and are held in place by fasteners.

An onboard generator is fitted when the AP600 is equipped with the AS3251 or AS4251 electric screeds. The generator provides 25 kW output to power screed heating and also optional lighting assemblies.

Hydraulic System

The propel, material handling and auxiliary systems are operated with electrically controlled, hydrostatic components. In the event of electrical failure, each system has manual operation capability.

The warning lights are activated by abnormal conditions in engine oil temperature and pressure, engine coolant temperature and hydraulic oil level. The warning lights are positioned on the control console for easy monitoring by the operator.

Quick-connect hydraulic test ports simplify system diagnostics.

The hydraulic oil filtering system of the AP600 provides optimum cartridges working life.

Screeds

All screeds fitted to AP600 perform the same basic function - to lay material to the desired width and depth while providing a smooth finish with initial compaction.

The AS3251 screed is hydraulically extendible and paves from 2500 mm to 4700 mm. With solid extensions added to both sides, the maximum paving width is 7500 mm. Tamper vibration frequency from 0 to 1700 rpm (0 to 28.3 Hz). Smoothing plate vibration frequency from 0 to 3400 rpm (0 to 56.7 Hz).

The AS4251 screed is hydraulically extendible and paves from 2550 mm to 5000 mm. With solid extensions added to both sides, the maximum paving width is 7840 mm. Tamper vibration frequency from 0 to 1700 rpm (0 to 28.3 Hz). Smoothing plate vibration frequency from 0 to 3400 rpm (0 to 56.7 Hz).

Tamper and vibrator for all screed models are operated automatically when the asphalt paver advances following a preset ramp. During operation tamper and vibrator adjustment are electronically controlled and can be individually adjusted via potentiometers located on the rear ground control panel. The rear ground control panel also includes an optional LCD-display indicating tamper frequency and a potentiometer for adjusting the tamper ramp.

Dual LPG high-energy burners, eight in all, are included on all main screeds and each hydraulic extension where available. Four sensors constantly control the temperature throughout the entire width of the screeds. All screeds are equipped with electronic ignition, automatic and independent adjustment of the smoothing plate temperature for central and each mobile plate.

Electric heating system is available for the AS3251 screed and the AS4251 screed. The electric heating system features a tractor-mounted generator, replaceable heating elements and operator friendly controls providing an operator-friendly environment.

The system is equipped with automatic adjustment of the smoothing plate and tamper bar temperature for central, each mobile plate and bolt-on extensions up to 7500 mm. Rapid screed preheating is obtained at low engine rpm for quiet operation. Heavy-duty, user-friendly screed heating control unit with self-diagnostic control is positioned at the rear of the machine for ground crew usage.

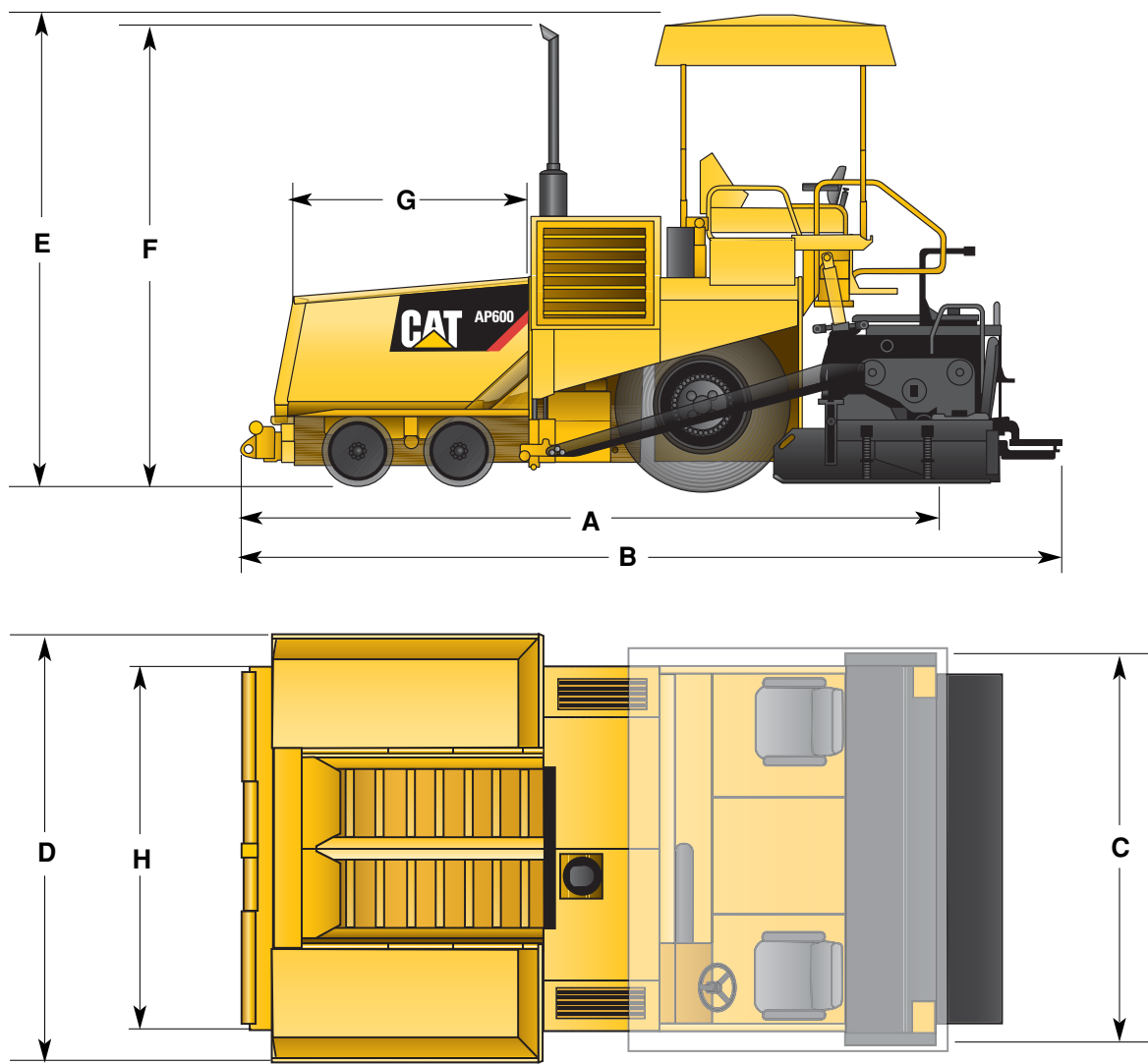
All screed models are equipped with the screed assist, an electro-hydraulic device maintaining a constant screed pressure on the bituminous mix, independently from the mix bearing capacity and the paving width.

Grade and Slope Control Option

The grade and slope controls provide full control for both longitudinal grade and transverse slope when operating to a single reference. Correction is directly related to the magnitude of the surface deviation. Controls are functional from either side of the AP600 asphalt paver.

System components may vary according to the optional controls mounted on the AP600.

Dimensions



| | mm | | mm |
|--|------|--|------|
| A Tractor length w/push roller | 5000 | F Transport height (no folding exhaust pipe, canopy lowered) | 3700 |
| B Length with push roller and screed | 6400 | Transport height (folding exhaust pipe, canopy lowered) | 3000 |
| C Transport width without end gates and screed (hopper raised) | 2500 | G Hopper length | 1800 |
| D Tractor operating width (hopper lowered) | 3200 | H Truck entry width | 2500 |
| E Operating height with canopy | 3800 | | |

Weights

| | kg |
|--------------------|--------|
| Tractor | 14 150 |
| with AS3251 screed | 17 800 |
| with AS4251 screed | 18 100 |

Optional Equipment

Some options listed may be an option in some areas and standard in others. Consult your dealer for specifics.

Folding Operator's Station Canopy.

The operator's station canopy covers the entire width of the machine. The canopy can be lowered and raised manually facilitating machine transportation.

Hydraulic Raising Operator's Station Canopy. The operator's station canopy covers the entire width of the machine. The canopy can be lowered and raised electrically even with the engine not running.

All Wheels Assist (AWD). The system adds hydrostatic propel power to all four front steering wheels. The all wheels assist provides total traction.

Grade Control. Paddle-type grade control with small rigid ski that rides on the pavement surface. The reference surface may be a flat surface or a wire.

Digital Grade Control. Paddle-type grade control with small rigid ski that rides on the pavement surface. The system also includes a digital control unit fitted to the screed handrail.

The digital control unit allows the ground crew to set the grade of the surface, in accordance with the site requirements. The digital control unit can also be used to control a grade control applied to the opposite side of the screed.

Digital Ultrasound Grade Control.

A multi-functional sensor provides full proportional control for longitudinal grade. The system includes a digital control unit and an ultrasound sensor that detects obstacles or breaks in the reference surface (stones, small holes, etc.) and provides a mean average of the surface on which it is operating. The control unit can also be used to control a grade control applied to the opposite side of the screed.

Ultrasound Grade Control. 5 non-contact ultrasound sensors provide full proportional control for longitudinal grade. The system includes a digital control unit and a multiple ultrasound sensor that detects obstacles or breaks in the reference surface (stones, small holes, etc.) and provides a mean average of the surface on which it is operating. A sixth sensor, positioned horizontally, automatically corrects the effects of variations in the air temperature so that there is not an error in the evaluation of the reference distance.

Combined Ultrasound Grade Control.

The system includes a single control unit with a rigid ski in contact with the reference surface and a non-contact ultrasound sensor incorporated for maximum flexibility. The reference surface may be a flat surface or a wire.

Laser Scanner Grade Control.

The system includes a mobile laser unit that is attached to the paver. The mobile unit is positioned high above the surface in order to allow it to detect discontinuities in the reference surface and in the laid material over a distance adjustable up to 18 meters. The system also includes two digital control units, one for adjusting the leveling parameters and controlling a grade control applied to the opposite side of the screed, and a second digital control unit is used to set the operating parameters of the laser (reading height, range and length of the screed).

Slope Control. Works together with the grade controls to provide accurate transverse slope of the material laid.

Digital Slope Control. Works together with the grade controls to provide accurate transverse slope of the material laid. The system also includes a digital control unit fitted to the screed handrail. The digital control unit allows the ground crew to set the percentage slope of the surface, in accordance with the site requirements.

Screeds Extension Boxes. 250 mm and 710 mm mechanical extensions available for AS3251 and AS4251 screeds.

Rotating Side Screed End Gates (for AS3251 and AS4251). Bolted on hinged end gates reduce screed width for easy transportation.

Motorized Screed Camber Adjustment (for AS3251 and AS4251). Electric motor modifies screed plate camber angles between +4.5% and -2.5%.

Supplementary Working Lights Package with Xenon Lights (24V).

Consists of four variable position xenon beam flood lights, two mounted forward and two mounted to the rear illuminating work area.

Supplementary Working Lights Package (230V) available only for AP600 with AS3251 and AS4251

Electric Heated Screeds. Consists of four variable position sealed beam flood lights, two mounted forward and two mounted to the rear illuminating work area.

Automatic Greasing System for Tractor and for Tractor & Screed. Centralized and automatic lubrication of conveyors, augers, tamper and vibrator shafts.

Refueling Pump. An electric self-priming pump permits machine-refueling on-the-go or with engine not running.

AP600 Asphalt Paver

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Caterpillar dealer for available options.

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