

Technology and performance for the most challenging infrastructure projects

CROSS-APPLICATION SOLUTION

260 SX(i)



US VERSION

TECHNICAL SPECIFICATIONS 260 SX(i)

Cutting drum		Engine	
Cutting width	9 ft (2,750 mm)	Rated power at 2,100 rpm	783 kW / 1,050 hp / 1,065 PS
Cutting depth *1	0 - 2 ft 2 in (0 - 650 mm)	Exhaust emission standards	260 SX: US EPA Tier 2 260 SXi: US EPA Tier 4f
Cutting diameter	4 ft 11 in (1,500 mm)		
Engine		Weight and Filling Capacities	
Manufacturer	Cummins	Operating weight	260 SX: 224,761 lbs (101,950 kg) 260 SXi: 226,856 lbs (102,900 kg)
Type	QST 30	Water tank	872 gal (3,300 l)
Number of cylinders	12	Fuel tank	621 gal (2,350 l)
Displacement	1,861 in ³ (30.5 l)		

*1 = The maximum cutting depth may deviate from the value indicated due to tolerances and wear

HIGHLIGHTS

Powerful, versatile, reliable - developed for challenging infrastructure projects

01 Reliability and Availability

- > 30.5-liter diesel engine with long-life service components
- > Robust, modular CAN bus system, in part with dual-channel signal transmission
- > Balanced load distribution on the track units thanks to the machine's optimized center of gravity

04 Advanced Engine Technology

- > Variable cooler fan control for optimum power utilization and low fuel consumption
- > Powerful diesel engine with high maximum torque compliant with US EPA Tier 2 + US EPA Tier 4f exhaust emission standards
- > Efficient engine control for low fuel consumption and low exhaust gas and noise emissions



02 Highly Efficient Cutting Technology

- > Wear-resistant HT6, HT14 & HT15 toolholder systems for optimal pick service life when mining all kinds of rocks
- > Soft rock cutting drum unit for minimized resistance in the drum housing and optimal material flow
- > Hard rock cutting drum unit for maximum durability in hard rocks

03 High Productivity

- > Conveyor unit for loading road-legal trucks
- > High machine availability for maximum daily output
- > Water tank capacity of 872 gal (3,300 l) for long refilling intervals
- > Six cutting drum speed settings

05 Intelligent Maintenance Concept

- > Direct access to all service and maintenance points
- > On-board computer displays service reminders, error messages and diagnostics functions in plain text

06 Effective Safety Concept

- > Dust-tight pressurized operator's cabin and fresh air filtration effectively prevent dust ingress
- > Comprehensive machine lighting with LED lights for the working area, discharge conveyor lights, and illuminated access ladders and walkways
- > Operator's cabin with operator's seat and built-in, certified ROPS / FOPS set-up as well as trainer's seat for safe, practice-oriented driver training

07 High Operator Comfort - Perfect Ergonomics

- > Rotating operator's cabin and a camera / monitor system with six cameras improve all-round vision and relieve operator stress
- > Operating concept based on the latest ergonomic standards for long, fatigue-free, working shifts
- > Operator's cabin mounted on the front left chassis column and decoupled from the machine body

08 Fast Turning & Easy Maneuvering

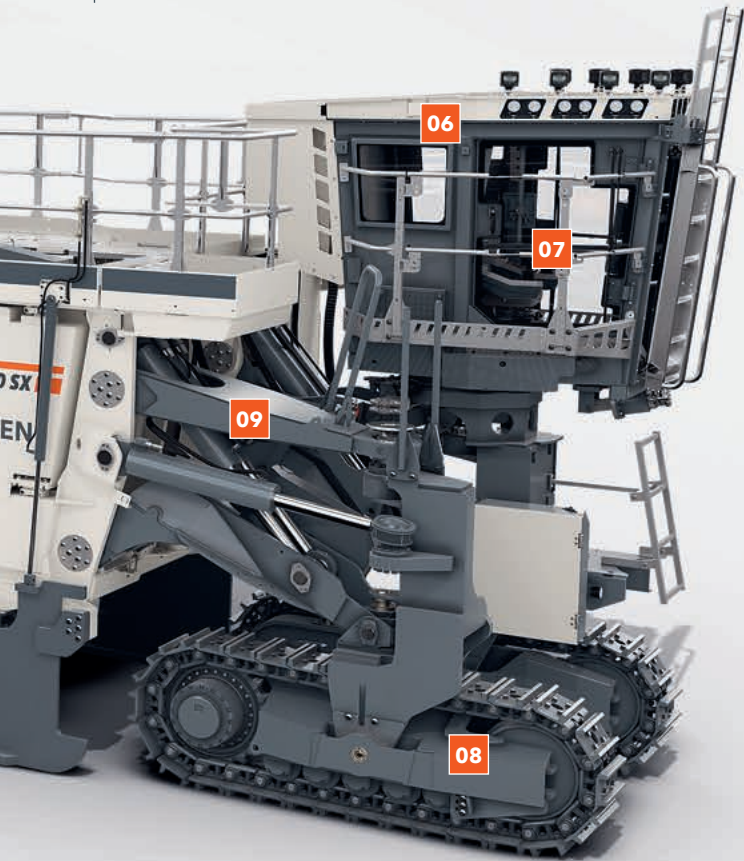
- > Four steering modes and separately steerable rear axle
- > Hydraulic all-track steering with Ackermann steering system enables a turning circle of less than nine meters
- > Automatic leveling parallel to the ground

09 Precise Leveling & Automatic Functions

- > **LEVEL PRO PLUS** leveling system integrated in the on-board computer
- > Interface for all commonly used 3D machine control systems
- > Manual floating position of side plate lifting cylinders

10 Environmentally Friendly Machine Technology

- > Efficient water management with automatic functions
- > Enclosed material transfer point on the conveyor unit reduces dust emissions
- > Sealed cutting drum housing keeps surfaces behind the machine cleaner



Tunneling Variant



11 Compact and Powerful

- > Reduction of machine height enables operation in tunnels
- > Operator's cabin mounted immediately above the front left track unit
- > Discharge conveyor and conveyor frame omitted - mining by "cut-to-ground" method



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