

CR352 | Rubber Tire Paver

Tractor

- All-welded mainframe construction
- 18.4 x 26 in (467 x 660 mm) rear drive tires
- Oscillating front wheel bogie assemblies
- Two-wheel drive or front wheel assist
- Automatic hydraulic front wheel alignment
- Hydraulic power steering
- Differential lock
- Direct hydrostatic drive
- Three-point suspension
- Adjustable spreading auger height via frame raise
- Oscillating push rollers or truck hitch
- Power tilt hood with integral radiator
- Fume recovery system mitigates fumes
- Adjustable material retaining plates
- Operator's umbrella

Screed

- Screed assist (Stretch 16[®])
- One-piece hardened steel screed plate
- Hydraulically adjustable screed vibrators
- Electric heat or oil heaters
- Manual and hydraulic power mat depth control
- Hydraulic power crown control
- Power match height adjustment (Stretch 16[®] and VersaScreed 8)
- Vertically adjustable screed end gates
- Hydraulic screed lift with mechanical screed lock

Feed System

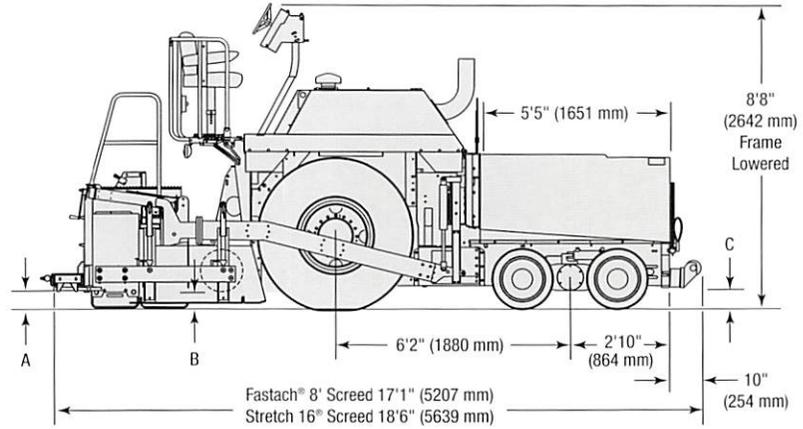
- Reinforced, sealed, tilting hopper wings with beveled corners
- Dual power-adjustable feed gates
- Reversible slat conveyor bars
- 2.609 in (66 mm)-pitch roller slat chain with hardened 4-tooth slat drive sprockets
- Conveyor bearings outside of tunnel for long life
- Long wear #120 chain for slat and auger drive
- Independently controlled right and left feed systems
- System interlocks stop feed when paver stops

Controls

- Operator swing console with spring loaded center lock and variable position cam lock
- Full instrumentation gauges
- Electric-over-hydraulic propel control steering wheel with dial-in working speed
- Lockout/tagout capable E-stop and master electrical switch

Hydraulic System

- Engine-mounted, enclosed, Poly Chain[®] belt pump drive
- Variable-displacement pumps for tractor drives, right and left feed systems and auxiliary circuits
- Fixed-displacement pump for vibrator circuit with flow control valve for frequency adjustment
- Centralized filter locations
- Remote control solenoids with function-check LED



	A	B	C
	Screed Clearance	Auger Clearance Screed Up	Auger Clearance Screed Down
Frame Raised	14 in (356 mm)	7 1/2 in (191 mm)	11 in (279 mm)
Frame Lowered	8 in (203 mm)	2 1/2 in (64 mm)	5 in (127 mm)

Paver

Paver width (hopper wings up)	8 ft 6 in (2.59 m)
Paver width (hopper wings down)	10 ft (3.05 m)
Paving width (std)	8 ft (2.44 m)
Paving width (max)	18 ft (5.5 m)
Paving depth (max)	12 in (305 mm)
Paving speed (max)	365 ft/min (110 m/min)
Travel speed (max)	13 mph (20.9 km/hr)
Drive tires	10-ply 18.4 x 26 in (467 x 660 mm)
Front wheels	12 in wide x 22 in dia (305 x 559 mm)
Brakes	hydrostatic steering; multiple disc parking

Weight*

Tractor	25,260 lbs (11,458 kg)
with Fastach [®] 8 and hydroflated tires	28,760 lbs (13,046 kg)
with VersaScreed 8 and hydroflated tires	30,760 lbs (13,953 kg)
with Stretch 16 [®] and hydroflated tires	31,870 lbs (14,456 kg)

*Weights are based on average shipping weights.

Engine

Make/Model	Cummins 6BTA5.9
Type	Turbocharged diesel
Horsepower	165 hp (121 kW) @ 2200 rpm
Electrical	105 amp, 12 vdc

Capacities

Diesel fuel	54 gal (204 L)
Hydraulic oil	45 gal (170 L)
Cooling system	6 gal (23 L)

Spreading Auger Sections

Construction	Cast, high alloy
Diameter	14 in (355 mm)
Thickness	5/8 in (16 mm)

Hopper

Length & width	5 ft 5 in x 9 ft 11 in (1651 x 3023 mm)
Volume	145 ft ³ (4.12 m ³)
Capacity	9 tons (8.16 tonnes)
Feed tunnel width (each)	25 in (635 mm)
Slat liners (thickness)	1/4 in (6.4 mm)

Screed

Screed plate	34 in x 8 ft (864 x 2438 mm)
Thickness	1/2 in (12.7 mm)
Positive crown (hydraulically powered)	3 in (76 mm)
Negative crown (hydraulically powered)	1 in (25 mm)
Vibrations per minute (max)	3000
Heaters	
Fastach [®] 8 (two oil heaters)	178,000 btu (total)
VersaScreed 8 (electric heat)	20 kW generator
Stretch 16 [®] (four oil heaters)	274,000 btu (total)
Stretch 16 [®] (electric heat)	20 kW generator

Optional Equipment

- Stretch 16[®] screed with oil or electric heat
- VersaScreed 8 with electric heat
- Fastach[®] 8 screed with oil heat
- Generation 3 proportional or sonic material feed control
- Mechanical or sonic grade and slope control
- Multi-foot grade reference system
- Sonic averaging system
- Proportional steer assist
- Material feed package
- Bevel guide plates
- Cutoff shoes, 12 in (305 mm) and 24 in (610 mm) sections
- 30 ft (9144 mm) hose reel for spray-down
- Back-up alarm
- Additional umbrella
- 500 hour filter kit



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