

CR552 | Rubber Tire Paver

Tractor

- All-welded mainframe construction
- 24.5 x 32 in (622 x 813 mm) rear drive tires
- Oscillating front wheel bogie
- 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 20®)
- 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 20® and VersaScreed 10)
- Vertically adjustable screed end gates
- Hydraulic screed lift with mechanical screed lock

Feed System

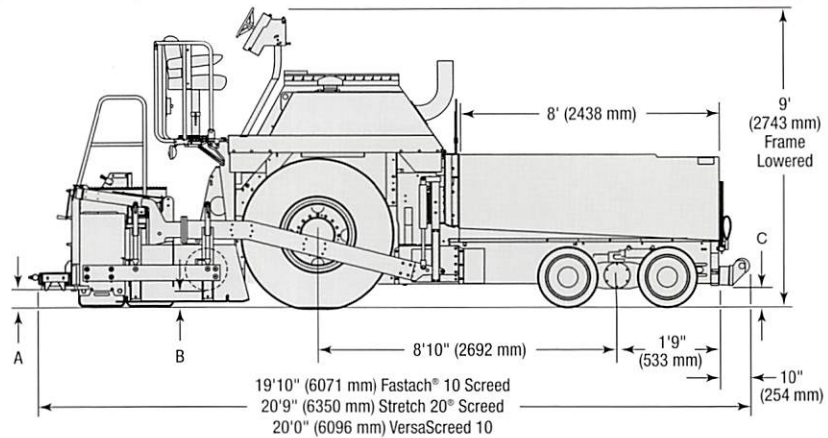
- Reinforced, sealed, tilting hopper wings with beveled corners
- Dual power-adjustable feed gates
- Reversible slat conveyor bars
- 3.075 in (78 mm)-pitch offset-link roller slat chain with hardened 8-tooth slat drive sprockets
- Conveyor bearings outside of tunnel for long life
- Long wearing #140 chain for slat and auger drive
- Independently controlled right & 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 Clearance
Frame Raised	15½ in (394 mm)	9 in (229 mm)	9½ in (241 mm)	6½ in (165 mm)
Frame Lowered	9 in (229 mm)	3 in (76 mm)	5 in (127 mm)	8 in (203 mm)

Paver

Paver width	10 ft 4 in (3.15 m)
Paving width (std)	10 ft (3.05 m)
Paving width (max)	30 ft (9.1 m)
Paving depth (max)	12 in (305 mm)
Paving speed (max)	290 ft/min (88 m/min)
Travel speed (max)	11.2 mph (18 km/hr)
Drive tires	12-ply 24.5 x 32 in (622 x 813 mm)
Front wheels	16 in wide x 22 in dia (406 x 559 mm)
Brakes	hydrostatic steering; multiple disc parking

Weight*

Tractor	33,470 lbs (15,182 kg)
with Fastach® 10 and hydroflated tires	37,470 lbs (16,996 kg)
with VersaScreed 10 and hydroflated tires	39,470 lbs (17,903 kg)
with Stretch 20® and hydroflated tires	41,370 lbs (18,765 kg)

*Weights are based on average shipping weights.

Engine

Make/Model	Cummins QSB6.7
Type	Tier 3 turbocharged diesel
Horsepower	260 hp (194 kW) @ 2200 rpm
Electrical	105 amp, 12 vdc

Capacities

Diesel fuel	72 gal (273 L)
Hydraulic oil	75 gal (284 L)
Cooling system	6.5 gal (25 L)

Spreading Auger Sections

Construction	Cast, high alloy
Diameter	16 in (406 mm)
Thickness	5/8 in (16 mm)

Hopper

Length & width	8 ft 2 in x 10 ft 4 in (2489 x 3150 mm)
Volume	267 ft³ (7.56 m³)
Capacity	16.7 tons (15 tonnes)
Feed tunnel width (each)	30 in (762 mm)
Slat liners (thickness)	3/8 in (9.5 mm)

Screed

Screed plate	34 in x 10 ft (864 x 3048 mm)
Thickness	1 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® 10 (two oil heaters)	
178,000 btu (total)	1.3 gph (4.9 liters/hr)
VersaScreed 10 (electric heat)	34 kW generator
Stretch 20® (four oil heaters)	
274,000 btu (total)	2.0 gph (7.6 liters/hr)
Stretch 20® (electric heat)	34 kW generator

Optional Equipment

- Stretch 20® screed with oil or electric heat
- VersaScreed 10 with electric heat
- Fastach® 10 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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