

E1250A

Remixing Transfer Vehicle



Cat® C7 Engine with ACERT™ Technology

Gross Power	186 kW	250 hp
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Weight

	23 000 kg	51,000 lbs
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Speed

Transport (max)	15.7 km/hr	9.8 mph
Working (max)	3.7 km/hr	2.3 mph

E1250A Remixing Transfer Vehicle

The cost-per-ton industry leader.

The productivity of the E1250A will get your attention, and the cost-per-ton of asphalt placed will make you a believer.

Profit isn't just how much you charge, it's how much you spend. The Weiler E1250A is among the paving industry's best values when considering cost-per-ton of asphalt placed. That value will deliver higher margins to your bottom line in the form of lower costs and increased competitiveness—and confidence—when it's time to submit bids.

DECREASE COST, INCREASE EFFICIENCY

- Non-stop, non-contact paving approach keeps crews moving and helps hit smoothness goals
- Simplified clean-out enhances end-of-day maintenance, leading to wear part longevity and reduced maintenance costs
- One elevator and one conveyor reduce wear items—and costs
- Weiler engineered parts and Cat® power provide reliability and maximize uptime

DECREASED MAINTENANCE COSTS

- Direct-drive elevator with two high-torque hydraulic motors
- No need for planetary gearbox with seals and bearings.
- Loop flush valve keeps motor cool

The loop fluid return system provides thermal relief.





ENGINE AND COMPONENTS

- Cat C7 engine efficiently powers high-torque direct drive on conveyor and elevators
- Engine power matching utilizes the least amount of fuel to complete the job
- Components constantly re-examined for ways to extend life and service intervals
- Easy accessibility to components, particularly those requiring routine service

HOPPER FEATURES ADD EFFICIENCY

- The conveyor and its hydraulics are designed to lift the hopper insert; no need to purchase, rent or even haul other equipment to do the job
- Recommended 11.8 metric ton (13 ton) insert with 4.5 metric ton (5 ton) extension create hopper capacity of 16.3 metric tons (18 tons), perfectly matching weight capacity of most haul trucks
- Dump hopper with its high-powered baffle and hydraulic, oscillating, push rollers expedite efficient truck unloading

PLENTY OF PRODUCTIVITY

- Hourly through-put conservatively estimated at 544 metric tons (600 tons) per hour
- Productivity matches highest output of any other material transfer vehicle in the marketplace, despite the E1250A's relatively small size
- Versatility enables offset paving over barriers, string lines and any obstacles that inhibit truck access
- Designed to support consistent paving speed to maximize smoothness results



Segregation Fighter

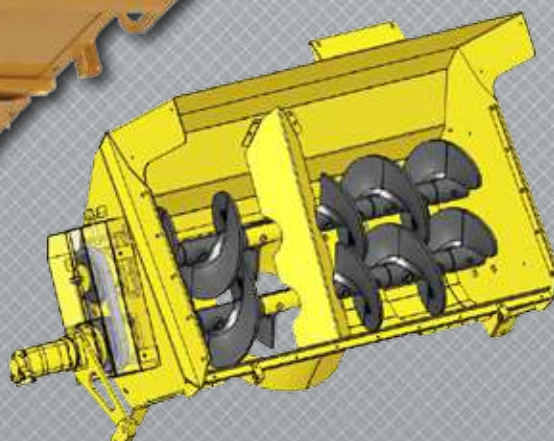
Patented remix chamber leads the charge.

HELP YOUR CREW AVOID BUMPS IN THE ROAD

Smooth mats are often the difference between a job that's a winner—or not. The E1250A is built with those stakes in mind. The machine keeps your asphalt properly mixed and moving.

PATENTED REMIX CHAMBER

- Sets the standard for reducing particulate and thermal segregation
- Twin interlaced auger system provides a true remix of all material
- All material is blended through remixing chamber before being dropped onto discharge conveyor
- The chamber routinely processes 544 metric tons (600 tons) per hour, matching highest output of any other MTV in the marketplace today
- Remix auger auto-off switch engages when elevator is raised to prevent damage to chamber flashing



Patented Twin Interlaced Auger System

REDUCED THERMAL SEGREGATION

- Shortened plant-to-mat timeframe helps keep asphalt at proper temperature
- E1250A requires fewer drops than traditional "storage style" MTVs, helping retain heat
- The result of the remixing process is a consistent temperature of the mix being placed in the paver



WEAPONS IN THE SEGREGATION FIGHT

- Recommended hopper insert capacity of 16.3 metric tons (18 tons) helps your crew triumph over trucking disruptions
- Largest-in-class, flat-bottom front hopper is designed to maximize asphalt flow and minimize build-up
- Hydraulic baffle efficiently controls flow into the elevator and manages surges
- Vibratory dump hopper leads to easy cleaning during transition between trucks
- Hydraulically extendable oscillating push roller enables smooth and efficient truck exchanges

Split elevator foot shaft enables smooth, consistent material flow as well as simplified maintenance.



Ease Of Operation

Visibility, maneuverability welcome on the jobsite.

THE RIGHT START TO THE TRAIN

Operators provided input during development of the control display, helping create an intuitive feel. Operators also stressed the need for exceptional visibility to ensure smooth transitions—and to spot potential problems, too. When challenges strike, those operators also need a machine that responds quickly. The E1250A does exactly that.

THREE-SPEED HYDROSTATIC DRIVE

- Powers Cat® planetaries for smooth on-the-fly shifting
- Utilizes joystick control and variable speed potentiometer to match the paving train
- Features optional speed indicator



Operator input led to the location of the controls.



OPERATOR STATION

- Hydraulic shift of the operator platform enables extension of 304.8 mm (12") to either side of the machine, improving visibility to the rear conveyor and paver
- A manual push-button override helps the operator run the elevator at maximum capacity without changing the preset running speed, enabling quick catch-up if a truck is delayed
- Simply lifting a spring-loaded pin and swiveling the control panel speeds positioning on either side of the machine
- Steering wheel easily adjusted to the desired position with the standard tilt wheel feature

HELPING OPERATORS KEEP IT SMOOTH

- Dump hopper, high-powered baffle and hydraulic oscillating push rollers enable efficient truck unloading and transition
- Dual side ground level hopper controls enhance coordination between operator, ground crew, and truck drivers
- System calibrations and troubleshooting made easier through the electronic controller
- Relative chain speed control maintains identical speed of conveyor and elevator chains
- 304.8 mm (12") diameter caster wheels increase surface area for maximum weight distribution on uneven base surfaces

TIGHT TURNS

- Four-wheel Caterpillar® planetary drive system eliminates gearboxes for on-the-fly shifting
- Planetary drive system features low center of gravity and maximizes pushing power while enabling tight turns
- Turning radius is 6.2 m (20'3"), helping crews reach difficult jobsites while also working around ground and overhead

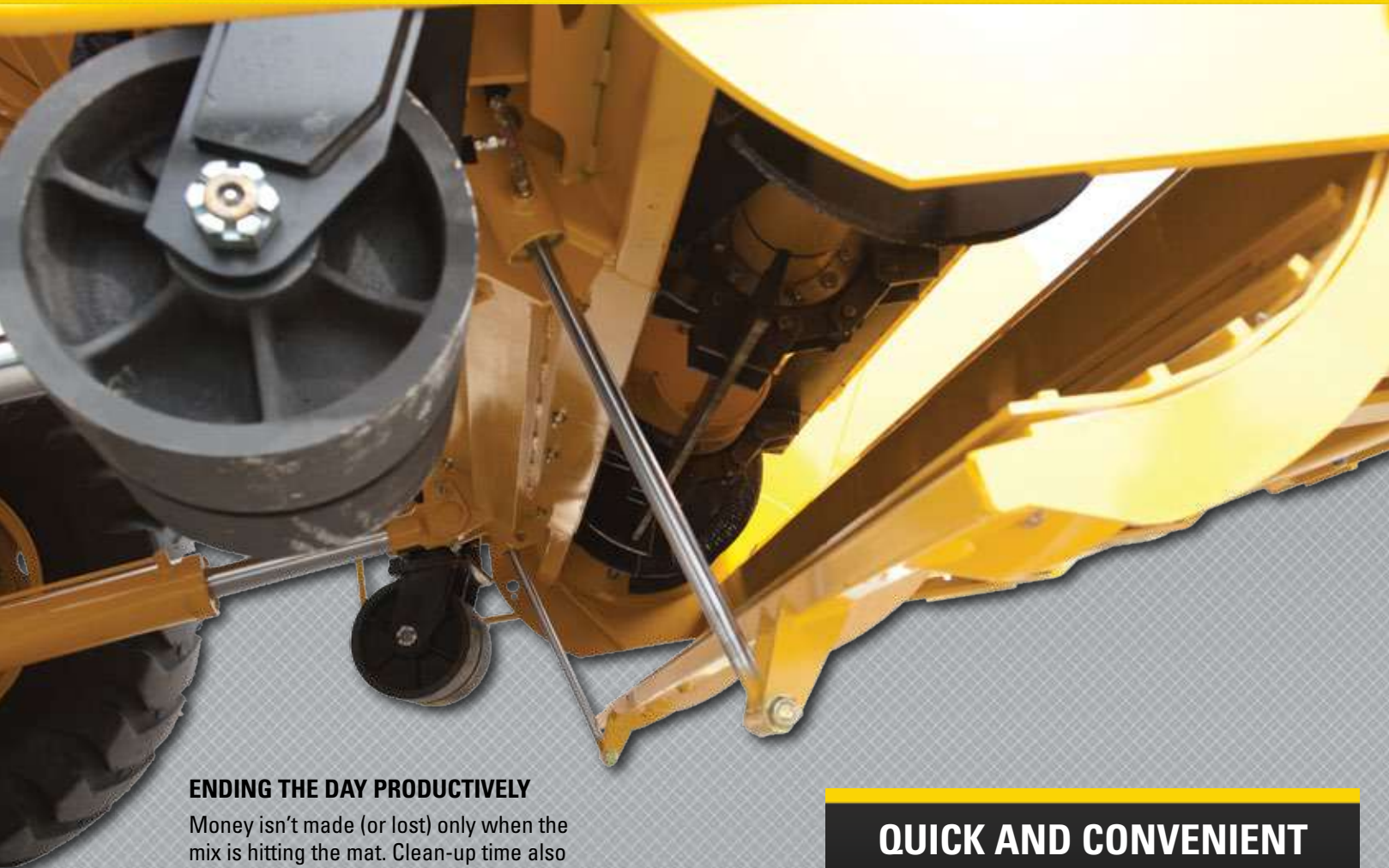


Weight distribution is maximized by wide, self-cleaning caster wheels.



Simplified Service

Multiple hydraulic access points make for quick work.



ENDING THE DAY PRODUCTIVELY

Money isn't made (or lost) only when the mix is hitting the mat. Clean-up time also makes a difference. The E1250A is built with many clean-out capabilities to help your crew end their day—and their time on the clock.

QUICK AND CONVENIENT

The dump hopper provides full width hydraulic access for simplified clean-out and service



CLEAN-UP MADE EASY

- Front elevator and rear conveyor are equipped with hydraulic, retractable floors for easy inspection, clean-out and maintenance
- Machine is equipped with a 15.2 m (50') washdown hose and reel with an independent 121 L (32 gal) wash down tank
- Rear maintenance control station eliminates the need for communication over engine and road noise; eliminates additional trips to the operator station; and provides efficiency in clean-out, inspection, and movement of the hopper insert

REACH THE RIGHT PLACES

Easy access to components helps technicians reach the right parts and places, whether performing routine scheduled maintenance or more urgent service. That access is more than a convenience: It reduces your maintenance costs and improves machine uptime.

HIGHLIGHTS

- Cat C7 engine, pump drive, pumps and valves are easily accessible
- Weiler products sold and serviced exclusively through Cat Dealers around the world
- Cat engines continually upgraded for extended service intervals, maximizing machine uptime and cost savings on service and disposal of fluids and filters
- Customer input sets the standard for design and engineering, leading to enhanced performance and satisfied end-users



The E1250A can be switched from a windrow head or combination unit in four hours.

Specifications

E1250A Remixing Transfer Vehicle

E1250A Remixing Transfer Vehicle Specs

Weight	49,500 lb	22,453 kg
Height	138"	3.5 m
Operating Length	45'	13.7 m
Transport Width	10'	3 m
Engine	Cat C7 Tier III with ACERT™ Technology	
Horsepower	250 hp	186 kW
Working Speed	2.3 mph	3.7 km/hr
Transport Speed	9.8 mph	15.8 km/hr
Fuel Tank Capacity	150 gal	568 L
Hydraulic Tank Capacity	100 gal	378 L
Wash Down Tack Capacity	32 gal	121 L
Conveyor Slat Width	30"	762 mm
Conveyor Capacity	600 tons/hr	544 mt/h
Elevator Slat Width	58"	147 cm
Elevator Capacity	1,000 tons/hr	907 mt/h
Truck Hopper Width	113"	2870 mm
Truck Hopper Auger Diameter	22"	559 mm

STANDARD EQUIPMENT

- All-wheel drive
- Wash-down system with spray wand and 15.2 m (50') hose reel and independent tank
- Dual operator seats
- Hydraulically extendable, oscillating push rollers
- Rear control panel
- Hydraulically shift-able operators platform
- Work lights

Optional features

- Truck hitch
- Windrow head
- Ground speed gauge
- 110v operator station mounted outlet
- Auto lube system
- 10 kW (12 hp) generator
- 11.8 metric ton (13 ton) hopper insert
- 4.5 metric ton (5 ton) extension
- Loading conveyor lights
- LED strobe light



Weiler Paving Solutions

The tools you need for more profitable paving.



REMIXING TRANSFER VEHICLES

	E2850	E1250A
Engine	Cat C9	Cat C7
Power	300 hp (224 kW)	250 hp (186 kW)
Weight	74,500 lb (33792 kg)	51,000 lb (23000 kg)
Height (Operating)	16' (4.88 m)	11'6" (3.5 m)
Length (Shipping)	55'3" (16.8 m)	44' (13.4 m)



WINDROW ELEVATORS

	E550B	E650B
Engine	Cat C4.4 Tier IVi	Cat C4.4 Tier IVi
Power	115 hp (85 kW)	115 hp (85 kW)
Weight	17,600 lb (7895 kg)	20,300 lb (9200 kg)
Height	124" (3150 mm)	124" (3150 mm)
Length	230" (5842 mm)	230" (5842 mm)



ROAD WIDENERS

	W330	W430	W530	W730A
Engine	Cat C2.2	Cat C3.4	Cat C4.4	Cat C6.6
Power	49 hp (36 kW)	83 hp (62 kW)	114 hp (85 kW)	174 hp (130kW)
Weight	12,200 lb (5545 kg)	18,500 lb (8391 kg)	23,500 lb (10659 kg)	33,500 lb (15195 kg)
Max. Working Width	6' (1.8 m)	8' (2.4 m)	10' (3.0 m)	14' (4.3 m)
Max. Working Speed	150 fpm (46 mpm)	650 fpm (198 mpm)	730 fpm (222 mpm)	350 fpm (106 mpm)



ASPHALT PAVER

	P385
Engine	Cat C3.4
Power	83 hp (62 kW)
Weight	18,000 lb (8165 kg)
Screed Weight	3,000 lb (1361 kg)
Length	13'2" (4000 mm)
Height	70" (1778 mm)
Transport Width	102" (2591 mm)
Track Length	90" (2286 mm)
Paving Range	8'-5'8" (2.44-4.78 m)
With Cut-Off Doors	0-3'10" (0-1.1 m)

Customer Support Second to None

Value-added services that can boost your bottom line.

Your paving operation demands more than just quality products.

You can count on us, as your Cat Dealer, to provide Weiler expertise and a full range of support services that add value and contribute to your success in many ways including:

- Product and application assistance from certified paving specialists
- Training that elevates your operators to higher levels of proficiency
- Availability of off-the-shelf OE parts that meet precise specifications
- Off-season maintenance and rebuild programs to assure continued reliability and productivity
- S-O-SSM Services that help you avoid unplanned repairs and costly downtime by monitoring all key fluids
- Financing options that are matched to your operating needs and help you maximize the return on your investment



Materials and specifications are subject to change without notice. Featured machines and photos may include optional equipment. See your Cat Dealer for complete product and application information including available options. All rights reserved.

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POWERFUL RESULTS.**