

# W-SERIES

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)



# W-Series Road Wideners

Don't cover the same old ground.

**A minute ago your crew was right in front of you. Now, you can barely see them. But it's not just the distance covered that has you smiling.**

In a single pass, they've placed material at a depth that previously took two, and maybe three, trips down the road. That's some serious savings. Speaking of savings, your crew leveled the materials as they moved forward; no need for a motor grader or the associated labor on this job. You're using fewer materials, too, because Weiler W-Series Road Wideners provide efficiencies there as well.

It's been a very productive minute, and you have hundreds more ahead of you today—and tomorrow, and the day after that, and on and on.

That's why you're smiling.

## ONE-TOUCH HANDLING

- A haul truck simply deposits material in the hopper
- A quickly moving and easily adjusted conveyor delivers the material to the discharge area
- The material exits a side chute and is deposited at a rate determined by the operator
- A strike-off tool levels the material and grading is completed as the widener makes its pass

## BUILT FOR SPEED

- The speed of W-Series Road Wideners varies from 45.7 mpm (150 fpm) to 222.5 mpm (730 fpm), depending on the model
- Large capacity hoppers help handle bigger loads—and enable quicker placement of materials
- Plenty of reserve horsepower boosts productivity and enables pushing of loaded trucks



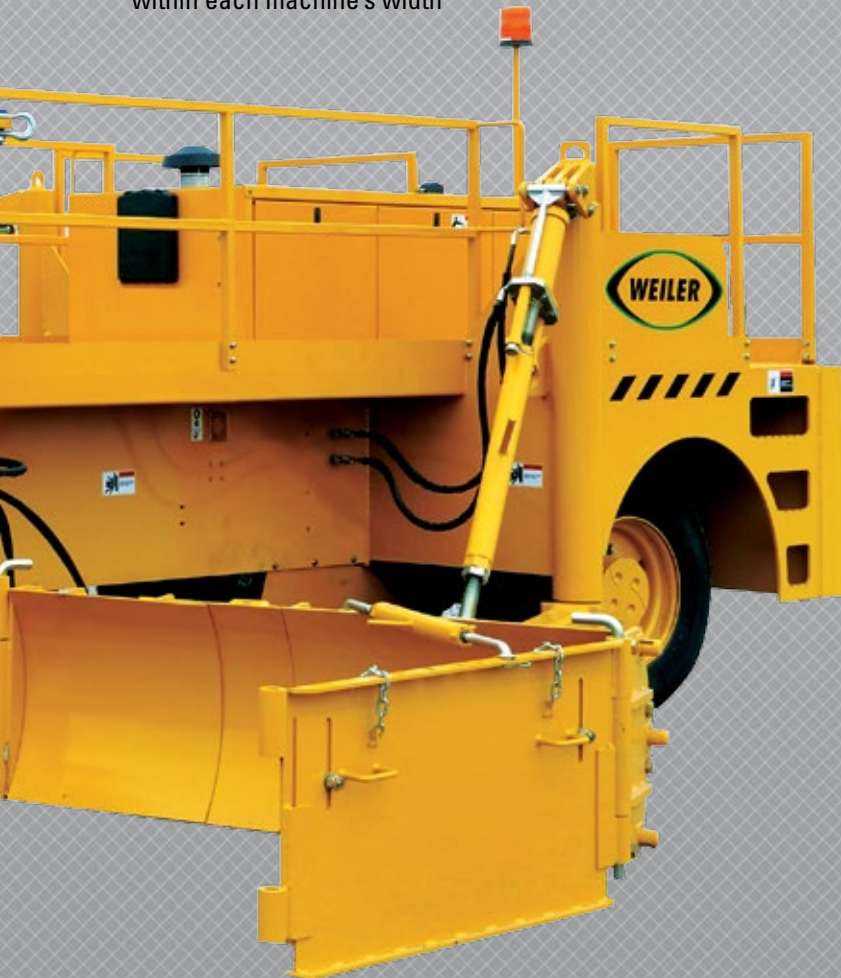


## VERSATILE

- Can work above or below grade, depending on your application
- Steering makes the wideners maneuverable, enabling success in varied applications
- Most models can discharge from either the left or the right, helping your crews adjust to traffic conditions
- Capable of widths up to 4.2672 m (14') with an optional extended conveyor on the W730A

## PRECISE STRIKE-OFF

- Can be set to exact grade and slope specifications
- Double breaks can be made when crowns are required
- On the three larger units, tools, supports and hydraulic system are designed for use on either side
- For easy transport, folding strike-off tools enable storage within each machine's width



## EASY-TO-USE CONVENIENCE

- Self-cleaning head, tail and return pulleys minimize material buildup
- Discharge direction is controlled by the flip of a switch from the operator's station
- Conveyor speed is easily controlled from the operator's station with either a dial or joystick
- Easily accessible check points, plus simplified maintenance and routine servicing keep machines working

## WIDEN YOUR PROFIT

Place more materials in less time

Keep your crews more productive

Precise placement, no need for motor graders

Virtually eliminates any waste



# Easy to operate

Intuitive controls in convenient places.

## HELP YOUR CREW STAY FRESH

You already face plenty of jobsite challenges. Weiler Road Wideners are designed to ensure machine operation isn't one of them. The operator controls are intuitive, the sequences logical. These machines are easy to operate from the start to the end of every shift.



## OPERATION

- Platform controls located at the fingertips include visual reference to reduce training time and increase comprehension
- Sliding control console enhances operator ease of use, enabling both right- and left-hand access to all machine controls
- Operator seats on both sides of the machines
- Tool-free console movement
- Optional remote pendant control offers flexibility in ground operator location
- Turning radius facilitates tight turns; on some models can be improved with optional rear steer
- Wrap-around safety rails and kick plates are standard
- Spring-applied brakes stop machine in event of engine, hydraulic or driveline failure





# Easy to access, too

Reach the right places.

## START BY MAKING PARTS THAT LAST

The first priority in reducing maintenance costs is building parts and components that exceed expectations.

Weiler starts by using thick steel and adding bulk in all the right places. The extended lives of wear parts and components show up in longer service lives, and ultimately in lower costs and higher profitability.

Material handling belts that resist wear and high temperatures are a good example of Weiler customer-focused engineering and designed-in quality. When access is needed, components and key service points are within reach.

## SERVICE FEATURES

- Multiple doors enable service technicians to easily access the engine and other machine components
- All doors are equipped with anti-theft locks
- Wideners are sold and serviced through Cat Dealers, with hundreds of locations to efficiently provide parts and service
- Dealers inventory most parts for immediate availability
- A comprehensive standard warranty assures your satisfaction





# The Weiler W330

The ideal match for smaller jobs.

## **SAME BENEFITS, COMPACT SIZE**

If you regularly have smaller jobs that make larger machines seem like overkill, consider the W330. It provides the productivity you need, but in a smaller package. That means you only use the power (and fuel) necessary. The W330 is a breeze to haul, too.





### 'SMALL' DIFFERENCES ADD UP

- Foldable front hopper creates machine transport width of 2.6 m (8.5')—a perfect fit for trailers and easy, hassle-free hauls
- Weight of 5534 kg (12,200 lbs) is lighter than competitive counterparts, while optional addition of 953 kg (2,100 lbs) adds bulk when needed
- Optional 37-45 kW (49-60 hp) engine for those who need an extra push
- 533 mm (21") strike-off tools better than competitive like-sized models—and an improvement over most larger competitive models, too
- Strike-off tool range of 203 mm (8") above and 254 mm (10") below beats most competitive models of similar size
- Hopper size of 2.3 cu m (3 cu yds), compared with 1.9 cu m (2.5 cu yds) on most competitive models, means fewer exchanges during the workday
- Belt width of 457 mm (18") enables increased material discharge—and helps productivity

### OPTIONS

- 37-45 kW (49-60 hp) engine
- LED strobe
- Weight kits
- Wash-down system
- Work lights
- Telescoping or adjustable tool of 0.6-0.9 m (2'-3')
- Hydraulically extendable push roller
- Vandal covers

#### W330 Road Widener

Weight	5534 kg (12,200 lb)
Optional rear weight	953 kg (2,100 lb)
Engine	Cat 2.2 37 kW (49 hp) Tier IVa
Optional	Cat 2.2T 45kW (60 hp) Tier IVa
Height	2,290 mm (90")
Length	5,080 mm (200")
Working Width	3 m (10')
Inside Hopper Width	2.8 m (9'4")
Transport Width	2,590 mm (102")
Steering	2-wheel front
Transport Speed	12.9 km/h (8 mph)
Working Speeds	0-46 mpm (0-150 fpm)
Tires	255/70R 22.5
Fuel Tank Capacity	114 L (30 gal)
Hydraulic Oil Capacity	76 L (20 gal)
Conveyor Belt Drive	Chain drive
Conveyor Belt Speed	0-122 mpm (0-400 fpm)
Working Depth	200 mm (8") above grade 250 mm (10") below grade
Strike-Off Tools	530 mm (21") tall
Standard:	0.3 m, 0.6 m, 0.9 m (1', 2', 3')
Optional:	0.3 m, 0.6 m, 0.9 m; 0.6-0.9 m (1', 2', 3'; 2'-3')
Telescoping:	0.6-0.9 m (2'-3')
Push Roller	280 mm (11") extendable
Hopper	Left-hand folding hopper





# The Weiler W430

When flexibility is a factor.

## BOTH PRODUCTION AND EFFICIENCY

Contractors with jobs of varied sizes rely on the W430. This road widener is a production machine; its capacity features prove that point. But when a contractor moves to a smaller job, the W430 can deliver what is needed—and only what's needed. The result: production when a job calls for it, cost-saving efficiencies when it doesn't.

## MORE THAN ENOUGH

- Provides enough power to work at widths up to 2.4 m (8')
- Handles depths of 304 mm (12") above grade and 304 mm (12") below grade
- Large capacity receiving hopper with a 2.8 m (9'4") opening
- Chain-driven belt provides a positive drive and keeps the belt tracking in line
- Precise activation of electronic and hydraulic control systems
- Optional hydraulic push beam, which enables use of multiple truck styles, adds even more flexibility

## MATERIAL FLOW

- Temperature-resistant belt with a powerful drive
- Conveyor belts with 61 cm (24") widths
- Conveyor belt speed up to 121 mpm (400 fpm)
- Conveyors powered by independent, variable-speed, hydraulic, dual end-drive system
- Discharge speed and direction easily controlled by operator





## OPTIONS

- Additional operator's seat
- 10 kW generator
- LED beacon
- Weight kits
- Wash-down system
- Opposite side mounts and hydraulics
- 3 m (10') broom
- Remote strike-off controls
- 0.6–0.9 m (2'-3') telescoping or adjustable tool available on both sides
- Work lights
- Rear steer
- Hydraulically extendable push roller
- Rear mounted tool carrier



### W430 Road Widener

Weight	8845 kg (19,500 lb)
Optional rear weight	778 kg (1,715 lb)
Engine	Cat 62 kW (83 hp) Tier III
Height	2,413 mm (95")
Length	5,791 mm (228")
Width	3,048 mm (120")
Wheel Base	2,792 mm (117")
Inside Turning Radius	4 m (13') standard w/ optional rear steer of 2.4 m (8')
Hydraulic Drive	Front Wheel Hydrostatic 2-speed motor 2-speed gearbox
Steering	2-wheel standard 4-wheel optional
Transport Speed	18 km/h (11 mph)
Working Speeds	0-198 mpm (0-650 fpm) 0-84 mpm (0-274 fpm) 0-41 mpm (0-135 fpm)
Tires	385/65R22.5 front 11R22.5 rear
Fuel Tank Capacity	242 L (64 gal)
Oil Tank Capacity	197 L (52 gal)
Conveyor Belt Drive	Chain on both ends
Conveyor Belt Speed	122 mpm (0-400 fpm)
Working Depth	304 mm (12")
Strike-Off Tools	635 mm (25") tall
Standard:	0.3 m, 0.6 m, 0.9 m (1', 2', 3')
Optional:	1.8 m, and 0.6-0.9 m adjustable (6', and 2'-3' adjustable)
Lights	Standard flashing and brake lights



# The Weiler W530

Heavy loads? No problem.

## GO WITH THE FLOW

When a job requires handling heavy loads to meet productivity goals, the W530 answers the call. The road widener features a Cat 4.4T Tier III 85 kW (114 hp) engine—the highest horsepower in the W530's class. The road widener also is available with a 102 kW (137 hp) engine when equipped with 4-wheel-drive option.

That power enables the machine to pull wide passes, and even push loaded trucks while doing so. That same engine also delivers transport speed of 25 kmh (16 mph).





## DUMP HOPPER AND UNDERCARRIAGE

- Large capacity dump hopper has 2.84 m (9' 4") opening
- Dump hopper is hydraulically operated
- Belt speed of 122 mpm (400 fpm) moves material quickly
- 61 cm (24") chain-driven conveyor powers material flow
- Hydraulically shifting conveyor enables 15.2 cm (6") shift to either side
- Manually adjustable push beam adjusts to varying truck configurations with a hydraulically controlled push roller option

## TOOLING

- Capable of 3.66 m (10') widths and depths of 30.48 cm (12") above or 30.48 cm (12") below grade
- 63.5 cm (25") interchangeable tooling
- Many tooling size options available to meet job requirements, including 0.6-0.9 m (2'-3') hydraulically extendable
- Tooling mounted behind front tire accommodates large spoil pile and surge capacity

## OPTIONS

- Rear steer with three steering modes
- All-wheel drive, which includes rear steer and optional 102 kW (137 hp) engine
- Up to three 919 kg (2,025 lb) rear weights
- Wash-down system
- 10 kW generator
- Opposite side mounts and hydraulics
- Truck hitch
- 3 m (10') broom
- Automatic grade and slope
- Cab
- Work lights
- LED beacon
- Dual side 0.6-0.9 m (2'-3') adjustable tool
- Rear mounted tool carrier
- Remote strike off controls

## W530 ROAD WIDENER

Weight	10,660 kg (23,500 lb)
Optional rear weight	919 kg (2,025 lb)
Engine	Cat 85 kW (114 hp) 4.4 Tier III
Optional Engine	Cat 102 kW (137 hp) 4.4 Tier III
Height	2,413 mm (95")
Length	5,893 mm (232")
Transport Width	3,048 mm (120")
Wheel Base	2,794 mm (110")
Inside Turning Radius	3.7 m (12') standard w/ optional rear steer of 2.1 m (7')
Hydraulic Drive	Front Wheel Hydrostatic 2-speed motor 2-speed gearbox
Steering	2-wheel standard 4-wheel optional
Transport Speed	26 km/h (16 mph)
Working Speeds	0-223 mpm (0-730 fpm) 0-122 mpm (0-400 fpm) 0-63 mpm (0-208 fpm)
Tires	4-385/65R22.5
Fuel Tank Capacity	216 L (57 gal)
Oil Tank Capacity	197 L (52 gal)
Conveyor Belt Drive	Chain
Conveyor Shift Drive	152 mm (6")
Conveyor Belt Speed	122 mpm (0-400 fpm)
Working Depth	304 mm (12")
Strike-Off Tools	635 mm (25") tall 0.3 m (1') and 1.8 m (6') standard Optional adjustable 0.6 m, 0.9 m and 0.6-0.9 m (2', 3' and 2'-3')
Control Panel	All on a single panel that shifts to either side
Lights	Standard flashing and brake lights



# The Weiler W730A

The muscle to move.

## PROPERLY POWERED

The W730A is built to keep heavy volumes of material moving. It starts with the road widener's ability to adjust to various truck sizes and take full advantage of its hopper capacity of 2.7 cu m (3.5 cu yd). A speedy conveyor, with a width of 76 cm (30"), keeps material flowing. Powering it all is the W730A's 130 kW (174 hp) engine, able to push forward smoothly and steadily—even when haul trucks are along for the ride. All that, and an updated design that improves visibility and makes operation easier.

## SAFE, MANEUVERABLE, EASY TO OPERATE

- Four ground drive speeds are easily controlled on the operator station
- Electronic controller provides precise activation of electronic and hydraulic control systems
- All controls and gauges located on single, easy-to-shift operator station
- Dual seats
- Digital controller for gauges, diagnostics and calibrations
- Turning radius of 4 m (14') provides maneuverability while reducing tire wear and sub-base disruption
- Transport width of 3 m (10') with 3 m (10') conveyor
- 305 mm (12") above/below tooling
- 635 mm (25") interchangeable tools

## THE LATEST IMPROVEMENTS TO THE W730A

- Updated control configuration
- Electronic controller for diagnostics and calibrations
- Rotary potentiometer improves belt speed precision
- Bi-directional ground-drive joystick
- Pause feature enables stopping and restarting without having to reset working speeds
- Operator repositioned for increased tooling and hopper visibility
- Engine lowered to improve rear visibility
- Control panel slides additional 203 mm (8") on each side





### HYDRAULIC FRONT DUMP HOPPER

- 35.5 cm (14") vertical travel of entire hopper
- Can match varying truck heights
- Increased front clearance helps with jobsite transition
- Increased clearance for transport loading/unloading
- Large 2.7 cu m (3.5 cu yd) hopper capacity

### FRONT PUSH ROLLER

- Hydraulically extendable
- Oscillating
- Increased ability to match varying truck configurations
- Enables smooth truck exchanges



### OPTIONS

- Weight kits
- Wash-down system
- 10 kW generator
- Opposite side mounts and hydraulics
- 3 m (10') broom
- Cab
- Work lights
- LED beacon
- Dual side 0.6-0.9 m (2'-3') adjustable tool
- Rear mounted tool carrier
- Remote strike off controls

#### W730A Road Widener

Weight	15,200 kg (33,500 lb)
Optional rear weight	18,181 kg (40,000 lb)
Engine	130 kW (174 hp) Cat C6.6
Hydraulic Drive	4-wheel hydrostatic drive
Lockable Differential	2-speed motors 2-speed gearbox
Steering	4-wheel steer 3 steering modes
Speeds (max)	
Low	0-55 mpm@0-11.6 km/h (0-180 fpm@0-7.2 mph)
High	0-107 mpm@0-22.5 km/h (0-350 fpm@0-14 mph)
Conveyor	
Belt Width	762 mm (30")
Shift	152 mm (6") Either side optional 254 mm (10")
Length	7.82 m (25'8") w/out weight kit 8.15 m (26'9") with weight kit
Width	3 m (10')
Height	2.9 m (9'7")
Wheel Base	4,572 mm (180")
Working Width	4 m (14') with options
Working Depth	305 mm (12") above and below grade
Turning Radius	4 m (14') outside tires
Fuel	235 L (62 gal)
Hydraulic Oil	189 L (50 gal)
Strike-off Tools	One 0.6-0.3 m (2'-3') telescoping One each 0.3 m, 0.6 m, 0.9 m, 1.8 m (1', 2', 3', 6')



# The competitive advantage

Cost-savings features help build businesses.



## AN EDGE WHEN BIDDING

Weiler W-Series Road Wideners save time and money. Those savings can go directly to your bottom line. They also can be factored into bids, giving your business an advantage over competitors who use less productive material placement methods.

## COST-SAVINGS FEATURES

- Materials placed at hundreds of feet per minute
- Entire passes—and the machines, fuel and labor they require—eliminated because of road wideners' working depths
- Machines properly powered to enable work at productive widths, too
- Precise matching of power to the job improves fuel efficiency
- Strike-off tool eliminates need for grading—and the associated machine and labor
- Material usage improved, creating additional cost-savings
- Easy operation keeps crews fresh, improving productivity

## MULTIPLE APPLICATIONS

- Placing base materials
- Lane additions
- Shoulder paving / maintenance
- Trench filling
- Service roads
- Bike paths / lanes



# 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)



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)
Transport Speed	8 mph (12.8 km/hr)	11 mph (17.7 km/hr)	16 mph (25.7 km/hr)	14 mph (22.5 km/hr)



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)



ASPHALT PAVER

	P385A
Engine	Cat C3.4B
Power	100 hp (74.5 kW)
Weight	18,000 lb (8165 kg)
Screed Weight	3,000 lb (1361 kg)
Length	13' (3926 mm)
Height	76" (1930 mm)
Transport Width	102" (2591 mm)
Track Length	90" (2286 mm)
Paving Range	8'-15'8" (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·S<sup>SM</sup> Services monitor all key fluids to help you avoid unplanned repairs and costly downtime
- Financing options that are matched to your operating needs and help you maximize the return on your investment



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**SIMPLE OPERATION. PROVEN PERFORMANCE.  
POWERFUL RESULTS.**