

ROAD WIDENERS



ENGINEERED INNOVATION





How does a road widener work?

When it comes to placing the right amount of material at the correct grade and slope in one pass, whether on a shoulder or elsewhere, the best equipment for the job is a Weiler road widener.

ONE TOUCH HANDLING RESULTS IN QUICK WORK FOR THE CREW AND COST SAVINGS FOR YOU

In a single pass, you are able to place material at a depth that previously took two, maybe three trips down the road. A Weiler road widener provides one touch handling of materials to keep your crew moving and your costs down.

SIMPLE IN DESIGN, YET HIGHLY EFFECTIVE

A road widener receives material from the dump truck directly into the hopper. A hydraulically driven belt then delivers the material to the side of the widener you are working from. The strike-off tool attached to the side of the machine levels the material to the desired grade and slope while leaving no excess material that requires additional passes and broom clean-up.

Strike-off tools are hydraulically controlled from the operator's station, allowing a single operator to control the material discharge rate and grade and slope for the finished product.

Weiler road wideners are capable of working above or below grade and up to 14' (4 m) in width.





When and where to use a road widener?

A road widener's versatility allows you to place a wide variety of materials in many applications. A Weiler road widener allows you to keep dump trucks and equipment off the sub-grade, eliminate additional equipment and improve efficiencies for your crew.

HANDLES A WIDE RANGE OF MATERIALS...

- Asphalt
- Gravel
- Dirt
- Road Stone
- Concrete

...FOR MANY APPLICATIONS

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

BOTTOM LINE

If you need to place material above or below grade, up to 14' (4 m) wide, Weiler offers a road widener to meet the demands of your job with serious cost savings compared to traditional methods.



Benefits of Using a Weiler Road Widener

PRODUCTIVITY

With one-touch handling of material and working speeds up to 350 feet per minute (106 mpm), the distance covered by your crew is unmatched with traditional methods.

PRECISION

Eliminate entire passes and the machines, fuel and labor they require with one-step placement and control of material. Strike-off tool can be set to exact grade and slope specifications, eliminating additional equipment and labor.

POWER

Each Weiler road widener is equipped with the appropriate Cat® engine for its size to maximize productivity while minimizing fuel consumption and time on the job.

VERSATILITY

From trench filling to complete lane additions, from asphalt to road stone, Weiler road wideners can handle it all.

SIMPLICITY

All controls for material placement are conveniently located on the operator's station. Simplified clean-out and maintenance allow more time for you crew to be placing material.

Saving time and money provides you with the competitive advantage over those using less productive material placement methods.

Road Widener Process

Material → Dumped directly into Widener → Distributed and Levelled by

Traditional Process

Material → Dumped onto Ground → Initial Grading Pass → Final Grading





Widener → Finished Product



ing Pass → Broom Sweep → Finished Product



Simple Operation

Weiler road wideners are designed to ensure machine operation is simple. The operator controls are intuitive, the sequences logical. Convenient controls enhance operation from the beginning to the end of every shift.

- Controls located within easy reach include a visual reference to reduce training time and increase comprehension
- Sliding control console enhances operator ease of use, enabling both right and left side access to all machine controls on W430A, W530A and W730B
- Seats located to the outside edge of machine for excellent visibility
- Floor cutouts provide visibility to the front tires from the operator's seat
- Optional remote pendant control on W430A, W530A and W730B offers flexibility in ground operator location
- Optional rear steer on select models reduces turning radius for increased maneuverability



Fast Service

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.

- Multiple doors enable easy access to the engine and other machine components
- 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
- Dealer inventoried parts for immediate availability
- Comprehensive standard warranty assures your satisfaction



W330B

The productivity you need in a smaller package.

- Widens up to 6' (1.8 m), 8" (203 mm) above and 10" (254 mm) below grade
- Right side discharge only
- Foldable front hopper for 8' 5" (2.6 m) transport width
- 3 yd³ (2.2 m³) hopper.
- 9' (2.7 m) conveyor
- 18" (457 mm) wide conveyor
- Variable speed, chain-drive belt with 400 fpm (121 mpm) max speed
- Dual flashing belt protection
- 150 fpm (45 mpm) max working speed
- 8 mph (12.8 km/hr) transport speed
- 11' (3.35 m) inside turning radius with 2-wheel steering
- 2-wheel drive
- Cat® C2.2 Tier 4 engine with 67 hp (50kW)





SPECS

WEIGHT	14,800 lb	6713 kg
LENGTH	16'	4880 mm
OPERATING WIDTH	10'	3048 mm
TRANSPORT WIDTH	8' 5"	2565 mm
HEIGHT	8'	2441 mm
WHEELBASE	96"	2438 mm
HOPPER CAPACITY	3 yd ³	2.2 m ³
CONVEYOR LENGTH	9'	2743 mm
CONVEYOR WIDTH	18"	457 mm
BELT SPEED	400 fpm	121 mpm
TRANSPORT SPEED	8 mph	12.8 km/hr
MAX WORKING SPEED	150 fpm	45 mpm
HORSEPOWER (STANDARD)	49 hp	36 kw
TURNING RADIUS	11'	3.35 m
FUEL CAPACITY	30 gal	113 L
HYDRAULIC CAPACITY	20 gal	75 L

OPTIONAL EQUIPMENT

- Truck hitch
- Hydraulically extendable push rollers
- Locking Vandal covers
- LED strobe light
- Spray down system
- Work lights
- Premium LED work lights
- 1200 lb (544 kg) front weight kit
- 1' (.3 m), 2' (.6 m), 3' (.9 m) strike-off tools
- 2' - 3' (.6 m - .9 m) telescoping strike-off tool
- Extending end gate w/ chains
- Conveyor foot pedal

W430A

High production with cost-saving efficiencies.

- Widens up to 8' (2.4 m), 12" (305 mm) above and below grade
- Right and left side discharge
- 3.24 yd³ (2.48 m³) hopper.
- 10' (3 m) conveyor
- 24" (610 mm) wide conveyor
- Variable speed, chain-drive belt with 400 fpm (121 mpm) max speed
- Dual flashing belt protection
- 274 fpm (83 mpm) max working speed
- 12 mph (19.3 km/hr) transport speed
- 8' (2.4 m) inside turning radius with rear steer option featuring crab and coordinated steering
- 2-wheel drive
- Cat® C3.4B Tier 4 engine with 74 hp (55 kW)





SPECS

WEIGHT	19,500 lb	8845 kg
OPTIONAL REAR WEIGHT	1,715 lb	778 kg
LENGTH	19'	5791 mm
WIDTH	120"	3048 mm
HEIGHT	7' 11"	2441 mm
WHEELBASE	117"	2971 mm
HOPPER CAPACITY	3.24 yd ³	2.48 m ³
CONVEYOR LENGTH	10'	3 m
CONVEYOR WIDTH	24"	610 mm
BELT SPEED	400 fpm	121 mpm
TRANSPORT SPEED	12 mph	19.3 km/hr
MAX WORKING SPEED	274 fpm	83 mpm
HORSEPOWER	74 hp	55 kw
TURNING RADIUS	14'	4.3 m
REAR STEER TURNING RADIUS	8'	2.4 m
FUEL CAPACITY	64 gal	242 L
HYDRAULIC CAPACITY	52 gal	196 L

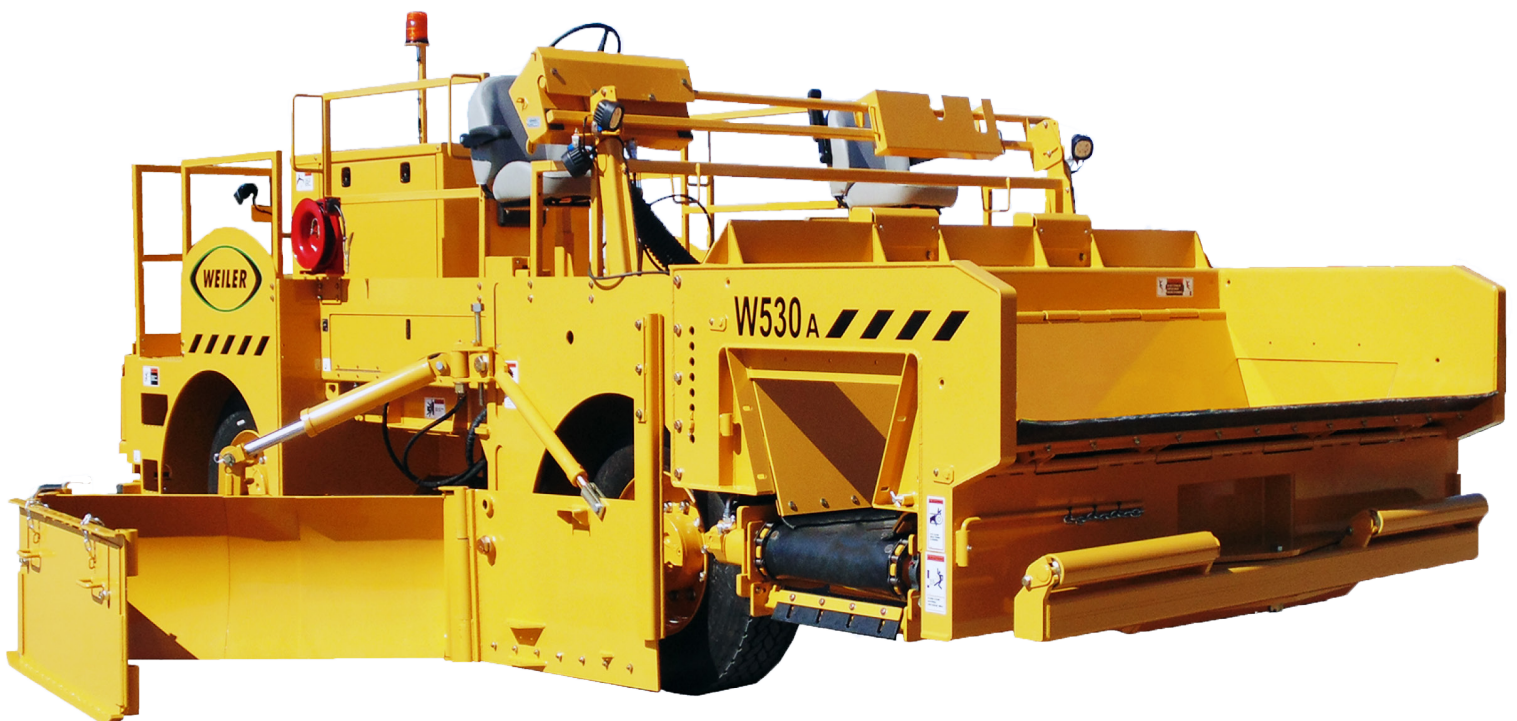
OPTIONAL EQUIPMENT

- Rear steer
- Truck hitch
- Hydraulically extendable push rollers
- Foot pedal conveyor control
- LED strobe light
- Spray down system
- Work lights
- Remote strike-off control
- 1,715 lb (778 kg) counterweight
- Hydraulic 12 kW generator
- Grade and slope controls
- Opposite side hydraulics
- 1' (.3 m), 2' (.6 m), 3' (.9 m), 6' (1.8 m) strike-off tools
- 2' - 3' (.6 m - .9 m) telescoping strike-off tool
- 3' - 5' (.9 - 1.5 m) adjustable strike-off tool

W530A

Answers the call to meet productivity goals.

- Widens up to 10' (3 m), 12" (305 mm) above and below grade
- Right and left side discharge
- 3.5 yd³ (2.7 m³) hopper. Optional hydraulic raise and lower feature adjusts vertically to match trucking requirements and ease loading and unloading
- 10' (3 m) conveyor shifts 6" (152 mm) for productive material placement
- 24" (610 mm) wide conveyor
- Variable speed, chain-drive belt with 400 fpm (121 mpm) max speed
- 350 fpm (106 mpm) max working speed
- 12 mph (19 km/hr) transport speed
- 13' (4.3 m) inside turning radius with rear steer option featuring crab and coordinated steering
- 2-wheel drive standard with 4-wheel drive option
- Cat® C3.4B Tier 4 engine with 120 hp (89 kW) standard, C4.4 137 hp (102 kW) engine with 4-wheel drive option





SPECS

WEIGHT	26,327 lb	11 941 kg
OPTIONAL REAR WEIGHT	2,300 lb	1043 kg
LENGTH	22' 4"	6807 mm
WIDTH	120"	3048 mm
HEIGHT	7' 8"	2336 mm
WHEELBASE	130"	3302 mm
HOPPER CAPACITY	3.5 yd ³	2.6 m ³
CONVEYOR LENGTH	10'	3 m
CONVEYOR WIDTH	24"	610 mm
BELT SPEED	400 fpm	121 mpm
TRANSPORT SPEED	12 mph	19 km/hr
MAX WORKING SPEED	350 fpm	106 mpm
HORSEPOWER (MAX)	137 hp	102 kw
TURNING RADIUS	13'	3.9 m
REAR STEER TURNING RADIUS	8'	2.4 m
FUEL CAPACITY	64 gal	242 L
HYDRAULIC CAPACITY	52 gal	196 L

OPTIONAL EQUIPMENT

- Rear wheel drive and rear steer
- Rear steer
- Truck hitch
- Hydraulically extendable push rollers
- Hydraulically raised and lowered front hopper
- Enclosed cab with heat and A/C
- Foot pedal conveyor control
- LED strobe light
- Spray down system
- 8' (2.4 m) or 10' (3 m) broom
- Work lights
- Remote strike-off control
- 2,300 lb (1043 kg) counterweight
- DC blade lights
- Hydraulic 12 kW generator
- Grade and slope controls
- Opposite side hydraulics
- 1' (.3 m), 2' (.6 m), 3' (.9 m), 6' (1.8 m) strike-off tools
- 2' - 3' (.6 m - .9 m) telescoping strike-off tool
- 3' - 5' (.9 - 1.5 m) adjustable strike-off tool
- Hinge section

W730B

Built to keep high volumes of material moving.

- Widens up to 14' (4 m), 12" (305 mm) above and below grade
- Right and left side discharge
- 3.5 yd³ (2.7 m³) hopper adjusts vertically to match trucking requirements and ease loading and unloading
- Hydraulically adjustable push rollers
- Standard 10' (3 m) conveyor shifts 6" (152 mm) for productive material placement. Optional 12' (3.6 m) conveyor features 10" (254 mm) shift
- 30" (762 mm) wide conveyor
- Variable speed, friction-drive belt with 800 fpm (242 mpm) max speed
- Dual flashing belt protection
- 350 fpm (106 mpm) max working speed
- 12 mph (19 km/hr) transport speed
- 14' (4.3 m) inside turning radius with rear steer featuring crab and coordinated steering
- Cat® C4.4B Tier 4 engine with 174 hp (130 kW)





SPECS

WEIGHT	34,160 lb	15 495 kg
OPTIONAL REAR WEIGHT	3,500 lb	1588 kg
LENGTH	26'	7925 mm
WIDTH	120"	3048 mm
HEIGHT	7' 8"	2336 mm
WHEELBASE	180"	4572 mm
HOPPER CAPACITY	3.5 yd ³	2.6 m ³
CONVEYOR LENGTH (STANDARD)	10'	3 m
CONVEYOR WIDTH	30"	762 mm
CONVEYOR SHIFT	6"	152 mm
BELT SPEED	800 fpm	242 mpm
TRANSPORT SPEED	12 mph	19 km/hr
MAX WORKING SPEED	350 fpm	106 mpm
HORSEPOWER	174 hp	129 kw
TURNING RADIUS	14'	4.3 m
FUEL CAPACITY	61 gal	231 L
HYDRAULIC CAPACITY	51 gal	193 L

OPTIONAL EQUIPMENT

- Truck hitch
- Enclosed cab with heat and A/C
- Foot pedal conveyor control
- LED strobe light
- Spray down system
- 10' (3 m) or 12' (3.6 m) broom
- Work lights
- Remote strike-off control
- 3,500 lb (1588 kg) counterweight
- DC blade lights
- Hydraulic 12 kW generator
- 12' (3.6 m) conveyor
- Grade and slope controls
- Opposite side hydraulics
- 1' (.3 m), 2' (.6 m), 3' (.9 m), 6' (1.8 m) strike-off tools
- 2' - 3' (.6 m - .9 m) telescoping strike-off tool
- 3' - 5' (.9 - 1.5 m) adjustable strike-off tool
- Hinge section
- 2' (.6 m) crowning attachment
- Hydraulic push beam extension



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