

IR is committed to adding **value** to your existing equipment and helping make future purchases a reality.



Take Advantage of the Total Customer Support Experience.

IR is your number one source for everything from genuine replacement parts and rebuilt hydraulic components to fluids and filtration. We keep you informed with instructional maintenance videos, preventive maintenance audits and overhaul programs. You'll find our factory and field equipment specialists to be an invaluable resource well after the sale.

Contact your local IR utility equipment distributor, or visit our Web site for details regarding the support available for your specific equipment.

Financing Solutions

Ingersoll-Rand Financial Services provides comprehensive financial solutions tailored to meet your individual business needs. Our expertise in both finance and leasing, along with experience in the utility equipment industry, allows us to supply you the equipment you need with the terms you want.

Our streamlined loan application and credit approval process can make your purchase intent a reality.

Contact your local IR utility equipment distributor to learn more, or visit www.irfinance.com.



You Bring the Project... We'll Bring the Solution.

IR has every aspect of your utility equipment needs covered — including concrete equipment, backhoe loaders, utility vehicles, material handlers, tools, compressors, generators, light towers, compactors and more. It's all ready and waiting for you at your local IR utility equipment distributor.

You'll appreciate the level of expertise that your IR utility equipment distributor has on projects of the size and scope you're working on today — as well as the ones you'll be working on in the future.

Nothing contained in this brochure is intended to extend any warranty or representation, expressed or implied, regarding the products described herein. Any such warranties or other terms and conditions of sale shall be in accordance with Ingersoll-Rand's standard terms and conditions of sale for such products which are available upon request.

Product improvement is a continuing goal at Ingersoll-Rand. Designs and specifications are subject to change without notice or obligation.

The Concrete Decision



Increase your capabilities with Ingersoll-Rand's extensive equipment line-up.

Today, many Ingersoll-Rand products are already being used by contractors working with concrete — from material handling equipment, tractor backhoe loaders and skid-steers to generators, light towers, air compressors, tools and compactors.

We utilize proven manufacturing experience, state-of-the-art engineering and expertise in your profession to develop a complete line of high-performance construction equipment.

From demolition to placement, transportation to finish — IR delivers results for your operation.



Walk-Behind Saws

The WS Series of Walk-Behind Saws is designed to be the most rugged, reliable and straightest cutting units on the market. The durable steel frame extends the saw's life and provides less vibration for smoother, more precise cuts. Powerful engine configurations generate the power and efficiency to get the job done accurately and ahead of schedule.

Concrete Mixers

The CM Series of Concrete Mixers from Ingersoll-Rand features simple yet solid construction for maximum jobsite efficiency and production. Each mixer is designed for easy cleaning, faster mixing and industry-leading capacity. The reinforced frame is constructed of the most durable steel, and each drum is manufactured with abrasion-resistant materials for years of tough, dependable performance. Adding to the reliability of the CM Series, each unit is powered by a reliable and powerful Honda engine.

Mortar Mixers

The MM Series of Mortar Mixers from Ingersoll-Rand is equipped with a standard 25:1 gear reducer that is driven by straight-keyed shaft Honda engines — this combination delivers 6-times the torque of other mixers on the market and eliminates belt slippage. The raised-frame design enables contractors to transfer more of the material into transport vehicles. With integrated safety features and stronger, thicker steel, contractors will be able to get jobs done quicker and more consistently with the MM Series of productive, high quality mortar mixers.

Power Buggy

The 16.5-cubic foot Power Buggy from Ingersoll-Rand is equipped with a reliable and powerful 13-hp Honda engine. Its rugged hydrostatic drive system delivers an industry-leading travel speed while delivering enough power for simultaneous drive and dump functions. The innovative hinge design and aggressive dump angle (20% greater) provide unparalleled reach and dumping capabilities. User-friendly precision controls allow for efficient maneuvering around jobsite obstacles.

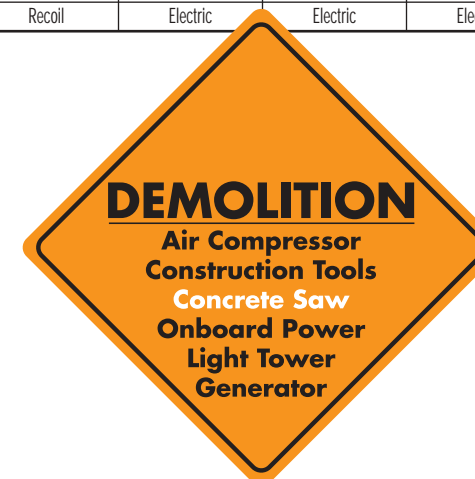
Hand-Held Screed

The Rapid Screed from Ingersoll-Rand offers concrete contractors the combination of a heavy-duty design and dependable power from a Honda engine. The adjustable, offset handlebars provide easy operation and balanced maneuverability while integrating a "set-it-and-forget-it" throttle system. The enclosed bearing and power transfer systems, coupled with a no-lube shaft and bearings, make the unit virtually maintenance free.

Walk-Behind Trowels

The WT Series of Walk-Behind Trowels is designed to make every project flatter and smoother. The unique quick-change blades and precision controls make each job more efficient and productive. Every trowel is engineered for precision and speed to get work done quicker to save contractors time. Adding to the dependability of the WT Series, each unit is equipped with a reliable and powerful four-cycle Honda engine.

WALK-BEHIND SAWS	WS14	WS18	WS20	WS26	WS36
OPERATING WEIGHT LB (KG)	190 (86)	245 (111)	458 (208)	1035 (469)	1350 (612)
OVERALL LENGTH IN (MM)	48 (1219)	48 (1219)	47 (1194)	58 (1473)	69 (1753)
OVERALL WIDTH IN (MM)	22 (559)	25 (635)	24 (610)	34 (864)	37 (940)
OVERALL HEIGHT IN (MM)	38 (965)	40 (1016)	39 (991)	49 (1245)	49 (1245)
BLADE DIAMETER IN (MM)	14 (356)	18 (457)	20 (508)	26 (660)	36 (914)
CUTTING DEPTH IN (MM)	4-5/8 (117)	5-5/8 (143)	7-5/8 (194)	10-5/8 (270)	14-3/4 (375)
PROPULSION	Manual	Manual	Hydrostatic	Hydrostatic	Hydrostatic
ENGINE MODEL	Honda GX340	Honda GX390	Honda GX620	Wisconsin W4-1770	Wisconsin V465D
ENGINE HORSEPOWER HP (KW)	11 (8.2)	13 (9.7)	20 (14.9)	35 (26.1)	65 (48.5)
ENGINE SPEED RPM	3600	3600	3600	2600	2100
FUEL TANK CAPACITY QT (L)	6.9 (6.5)	6.9 (6.5)	12.0 (11.4)	20.0 (19.0)	39.0 (37.0)
STARTING SYSTEM	Recoil	Recoil	Electric	Electric	Electric



Street Saws – WS14 & WS18

- Universal, dual 1-inch arbor with drive pin for left or right side blade use
- Down-cut blade rotation
- Accepts multiple blade sizes from 12" up to 18" dependent on model
 - WS14 – 12" & 14" blades
 - WS18 – 12", 14", 16" & 18" blades
- Screw-type depth control locks into position
 - Maintains accurate cutting depth
 - Won't vibrate loose
- Honda 4-cycle, solid-mount engines
- Solid platform frame
 - Less vibration
 - Straighter cuts
 - Longer blade life
 - Faster cutting
- Heavy-duty steel guide bar
- Triple-belt drive
 - Delivers power more smoothly
 - Less vibration
 - Longer blade life
- Emergency stop switch

Self-propelled Saws – WS20, WS26 & WS36

- Console-mounted controls for easy operator access
 - Gauges include
 - Low-oil warning light
 - Hour meter
 - Depth gauge
- Down-cut blade rotation
- Accepts multiple blade sizes from 12" up to 36" dependent on model
 - WS20 – 12", 14", 16", 18" & 20" blades
 - WS26 – 12", 14", 16", 18", 20" & 26" blades
 - WS36 – 12", 14", 16", 18", 20", 26" & 36" blades
- Depth Control
 - WS20
 - Screw-type depth control locks into position
 - Maintains accurate cutting depth
 - Won't vibrate loose
 - WS26 & WS36
 - Adjustable, electric hydraulic depth control
 - Raises/lowers the blade smoothly & effortlessly
 - Locks into place to maintain consistent depth of cut time after time
- Emergency stop switch

Bringing It All Together, Laying It Down And Smoothing It Out

TRANSPORTATION

Power Buggy
Utility Vehicle
Material Handler

POWER BUGGY	PB16P
OPERATING WEIGHT LB (KG)	1250 (567)
OVERALL LENGTH PLATFORM UP/DOWN IN (MM)	93.0 (2362)/105.5 (2680)
OVERALL WIDTH OUTSIDE TIRES ON/OFF IN (MM)	42.0 (1067)/31.5 (800)
OVERALL HEIGHT BUCKET UP/DOWN IN (MM)	67.0 (1702)/53.0 (1346)
GROUND CLEARANCE IN (MM)	5.5 (140)
DISCHARGE HEIGHT IN (MM)	6.0 (152)
WHEELBASE IN (MM)	46.0 (1168)
BUCKET CAPACITY CUBIC FEET (METERS)	16 (0.45)
MAX PAYLOAD LB (KG)	2500 (1134)
BUCKET MATERIAL	Cross Link Polymer
DRIVE TIRES	5.7 x 8 x 19
STEERING TIRES	4.8 x 8 x 16
MAX TRAVEL SPEED MPH (KPH)	7.0 (11.0)
ENGINE MODEL	Honda GX390
ENGINE HORSEPOWER HP (KW)	13.0 (9.7)
ENGINE SPEED RPM	3600
FUEL TANK CAPACITY QT (L)	3.0 (2.8)
STARTING SYSTEM	Recoil

Power Buggy

- The six-inch bucket clearance in the fully-dumped position easily clears forms and other jobsite obstacles.
- The heavy-duty bucket is designed to minimize splash and is made with the best UV rating in the industry for extended use.
- The counter-balanced frame design stabilizes the machine in steep conditions, keeping the tires in contact with the ground even when the bucket is empty.
- All controls are conveniently located for ease of operation.
- Honda engines provide easy starting and superb reliability. The extra large 3-quart fuel tank provides extended operating intervals.
- The sturdy, vented shrouding provides protection from jobsite debris and can be quickly removed for total access, providing increased serviceability.
- Enclosed drum brakes eliminate brake failure from residue build up, providing superior control compared to other band and scrub braking systems.
- Precision control and maneuverability is delivered via the squeeze-grip throttle control.
- The operator's platform folds up and locks quickly for walk-behind applications.
- Outside tires can be removed so the power buggy can pass through doorways for interior work.
- Emergency stop button is mounted for quick access and enhanced safety.

Options

- Electric Start
- Foam-filled Tires
- Steel Bucket

Walk-Behind Trowels

- Screw pitch control adjusts the blade angle for flatter floors and the quick-release safety lever stops instantly providing total control on every jobsite.
- Heavy-duty steel frame provides a solid platform for smoother finishes.
- Honda four-cycle gas engines run quieter and cleaner, are more fuel-efficient than two-cycle engines and are solidly mounted to frame, prolonging engine life.
- The centrifugal clutch is designed to engage smoothly when required for superior finishing.
- Gearbox is configured with high quality bearings and double lip seals, minimizing required maintenance.
- Three guard rings provide extra stability and safety.
- Quick-change blade system allows blades to be changed in seconds versus minutes.



Options

- 36" Float Pan
- Quick Change Combo Blades
- Quick Change Finish Blades
- Quick Change Float Blades
- Two-wheel Trowel Tote
- Auto-pitch System (Allows the user to adjust the blade pitch for surface corrections and automatically return the blades to their original position when desired.)



TROWELS	WT24	WT30	WT36*	WT36*	WT46
OPERATING WEIGHT LB (KG)	140 (64)	155 (71)	170 (77)	170 (77)	225 (102)
OVERALL LENGTH IN (MM)	63.0 (1600)	66.0 (1670)	69.0 (1750)	69.0 (1750)	74.0 (1880)
OVERALL WIDTH IN (MM)	26.5 (660)	31.0 (787)	36.5 (927)	36.5 (927)	46.0 (1168)
OVERALL HEIGHT IN (MM)	38.0 (965)	38.0 (965)	38.0 (965)	38.0 (965)	38.0 (965)
TROWEL DIAMETER IN (MM)	24 (610)	30 (762)	36 (914)	36 (914)	46 (1168)
NUMBER OF BLADES	4	4	4	4	4
FLOAT BLADE SIZE W x L IN (MM)	9 x 8-1/8 (229 x 206)	9 x 11 (229 x 279)	9 x 13-1/2 (229 x 343)	9 x 13-1/2 (229 x 343)	9 x 18 (229 x 457)
FINISH BLADE SIZE W x L IN (MM)	NA	6 x 11 (152 x 279)	6 x 13-1/2 (152 x 343)	6 x 13-1/2 (152 x 343)	6 x 18 (152 x 457)
COMBO BLADE SIZE W x L IN (MM)	8-1/8 x 8-1/8 (206 x 206)	8-1/8 x 11 (206 x 279)	8-1/8 x 13-1/2 (206 x 343)	8-1/8 x 13-1/2 (206 x 343)	8-1/8 x 18 (206 x 457)
SPEED RANGE	145	145	145	145	145
ENGINE MODEL	Honda GX120	Honda GX160	Honda GX160	Honda GX270	Honda GX270
ENGINE HORSEPOWER HP (KW)	4.0 (3.0)	5.5 (4.1)	5.5 (4.1)	9.0 (6.7)	9.0 (6.7)
ENGINE SPEED RPM	3600	3600	3600	3600	3600
FUEL TANK CAPACITY QT (L)	2.6 (2.5)	3.9 (3.7)	3.9 (3.7)	6.4 (6.1)	6.4 (6.1)
STARTING SYSTEM	Recoil	Recoil	Recoil	Recoil	Recoil

*WT36 available with 5.5 or 9.0 horsepower engine.

Hand-Held Screed

- Wide, offset handlebar design provides better visibility and increased operator comfort versus in-line styles — helping balance the eccentric weight's torque for better control. Operators of all sizes can comfortably use them in any concrete depth.
- Quick-release levers mean no tools are required for adjustments.
- "Set-it and forget-it" throttle locks in optimum RPM for consistent vibration.
- Screed board, not the operator, carries engine weight, minimizing operator fatigue while increasing weight over the board: no riding up when being used on forms.
- Center-of-mass lifting handle allows easy and balanced jobsite maneuvering.
- The four-cycle Honda gas engine runs quieter, cleaner and more fuel-efficiently than two-cycle engines.
- The rubber coupler is engineered to shear, should the eccentric weight become blocked, protecting the bearings from overload damage.
- Exclusive bearing system is oversized for longer life and is factory sealed.

Screed Boards

- The RS Board uses a 2-in-1 design that can float in wet concrete or ride on forms.
- The enclosed design virtually eliminates warping or torquing for wider screeding applications.
- Flat surfaces make clean up a breeze.
- Magnesium-made screed boards are lighter and will not react with concrete like aluminum screed boards.

Options

- Screed Boards (available in a variety of lengths: 6', 12' and 20'.)



RAPID SCREED	RS15
OPERATING WEIGHT LB (KG)	42 (19.1)
ENGINE MODEL	Honda GX31 4-Stroke
ENGINE HORSEPOWER HP (KW)	1.5 (1.1)
ENGINE SPEED RPM	6000
FUEL TANK CAPACITY QT (L)	0.6 (0.6)
STARTING SYSTEM	Recoil
RUN TIME HOURS	1.2

FINISH
Trowel
Hand-Held Screed