



Products for the Construction Industry





Ingersoll Rand... On the job for more than a century.

Ingersoll Rand has a unique heritage in construction that dates back to the company's founding in 1871. Simon Ingersoll invented the world's first rock drill and revolutionized productivity on the jobsite with the wide array of compressors, tools, and related products that followed. He built a business and an industry with the power and tools that helped create wonders such as the Hoover Dam and Mt. Rushmore. Those who followed him continued this pioneering spirit, adding tools for every job and new refinements to make them even more powerful, efficient, and durable.

Today, Ingersoll Rand offers one of the most comprehensive lines of construction tools available, as well as portable air compressors that have become industry standards. As a full-line tool and equipment provider, Ingersoll Rand also offers service and maintenance tools such as impact wrenches and surface preparation tools, as well as pullers, hoists, and winches for material handling tasks. Ingersoll Rand is breaking new ground with solutions for the jobsite, backed by a unique heritage, proven performance, and strong customer support. Go to irtools.com or contact an Ingersoll Rand representative at 800-376-TOOL for complete details.

Construction Tools



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Backfill Tampers and Sand Rammers	14

Ergonomically designed:
Handles, grips, throttle lever, and breaker housing provide maximum operator comfort and productivity.

Internal lubricator:
For continuous tool protection.

Four-bolt backhead:
Contoured to fit the operator's leg, and is easily removed for routine maintenance.

Drop-in valve cartridge:
Simplifies maintenance and reduces overall operating cost.

Powr-Strok™ piston cycle:
Transfers blow energy directly to the tool.

Variable exhaust deflector:
Rotates 360°, allowing the operator to choose the direction of the exhaust air.

One-piece breaker housing:
Eliminates the need for side rods and springs. Fewer parts mean lower operating cost.

Patented anvil bushing:
Eliminates the need for an anvil block while delivering smooth operation, superior control, and unsurpassed breaking power.

Unique metallurgy:
Cylinder area work-hardens as the tool is used, increasing wear resistance.

Advantages, Inside and Out
State-of-the-art non-metallic materials are used to eliminate rust and to ensure consistent performance.

30% fewer parts

Ingersoll Rand 60 and 90 lb Breaker



Competitive brand breaker



Pavement Breakers

PB Series

- ▶ One piece housing eliminates costly side rods and springs
- ▶ Power-stroke piston delivers more energy to the work surface and eliminates another costly wear item
- ▶ Built in lubricator helps assure adequate lubrication
- ▶ Two roll pins and removal of the housing plug on the top head make service access simple
- ▶ Muffler reduces noise (PB35AS8 and PB50AS1 only)



PB35AL8



PB35AS8



PB50AL1



PB50AS1

MODEL	Hex Shank Size	Stroke in (mm)	Bore in (mm)	Length w/o Accessory in (mm)	Weight w/o Accessory lb (kg)	bpm	cfm	Inlet Size in NPT	Recomm. Hose Size in (mm)
MUFFLED PAVING BREAKERS									
PB35AS8	1" x 4-1/4"	6-1/4" (159)	1-3/4" (44)	25" (625)	43(20)	1250	49	3/4"	3/4" (19)
PB50AS1	1-1/8" x 6"	6-1/4" (159)	1-3/4" (44)	27-1/2" (699)	55 (25)	1150	58	3/4"	3/4" (19)
NON-MUFFLED PAVING BREAKERS									
PB35AL8	1" x 4-1/4"	6-1/4" (159)	1-3/4" (44)	25" (625)	40 (18)	1250	49	3/4"	3/4" (19)
PB50AL1	1-1/8" x 6"	6-1/4" (159)	1-3/4" (44)	27-1/2" (699)	52 (24)	1150	58	3/4"	3/4" (19)

Performance figures are at 90 psi (6.2 bar) air pressure.

MX Series

- ▶ No costly side rods and springs
- ▶ Composite valve eliminates rusting
- ▶ Directional exhaust eliminates blow back
- ▶ Built in lubricator
- ▶ Hand serviceable shank doesn't require a press to service
- ▶ Backhead conforms to operators leg
- ▶ Optional muffler sold separately



MX60A



MX90

MX Series with IR Flex-Handle™

- ▶ IR Flex-Handles provide vibration dampening in a full 360 degree range of movement. Competitive mechanical springs only work in one direction and lose their ability to absorb vibration when fully compressed, or when hammering while pulling the breaker out of the work surface.



MX60AF



MX90AF

MODEL	Hex Shank Size	Stroke in (mm)	Bore in (mm)	Length w/o Accessory in (mm)	Weight w/o Accessory lb (kg)	bpm	cfm	Inlet Size in NPT	Recomm. Hose Size in (mm)	Muffler Part Number
STANDARD MODELS										
MX60A	1-1/8" x 6"	5.75" (146)	2.06" (52.3)	27.5" (686)	76 (31.8)	1250	70	3/4"	3/4" (19)	04704862
MX60B	1-1/4" x 6"	5.75" (146)	2.06" (52.3)	27.5" (686)	76 (31.8)	1250	70	3/4"	3/4" (19)	04704862
MX90A	1-1/8" x 6"	5.75" (146)	2.62" (66.5)	27.5" (686)	87 (39.5)	1250	85	3/4"	3/4" (19)	04704862
MX90B	1-1/4" x 6"	5.75" (146)	2.62" (66.5)	27.5" (686)	87 (39.5)	1250	85	3/4"	3/4" (19)	04704862
VIBRATION REDUCED FLEX-HANDLE MODELS										
MX60AF	1-1/8" x 6"	5.75" (146)	2.06" (52.3)	27.5" (686)	76 (31.8)	1250	70	3/4"	3/4" (19)	04704862
MX60BF	1-1/4" x 6"	5.75" (146)	2.06" (52.3)	27.5" (686)	76 (31.8)	1250	70	3/4"	3/4" (19)	04704862
MX90AF	1-1/8" x 6"	5.75" (146)	2.62" (66.5)	27.5" (686)	87 (39.5)	1250	85	3/4"	3/4" (19)	04704862
MX90BF	1-1/4" x 6"	5.75" (146)	2.62" (66.5)	27.5" (686)	87 (39.5)	1250	85	3/4"	3/4" (19)	04704862

Performance figures are at 90 psi (6.2 bar) air pressure.

Pavement Breaker and Digger Steel

Product	Steel Description	Under Collar Length	Tool*	Hex Shank Size & Part Number			
				7/8" x 3-1/4"	1" x 4-1/4"	1-1/8" x 6"	1-1/4" x 6"
	Moil Points — Standard-Duty <i>Used for general demolition.</i>	14" 18" 24" 36" 48" 60" 72"	PB/D	50050269 50050277 50050285 51305860 45512621 45512639 45512647	50050368 50050376 50050392 45512563 45512571 45512589 45512597	50050475 50055524 50055540 50055565 50055573 50055581 50055599	50055680 50055698 50055714 50055730 50055748 50055755 50198993
	Moil Points — Super-Duty	11-1/4" 14-1/4"	PB/D	22041495 22041602	22041057 22041065	22041073 22041081	22041099 22041107
	1" Narrow Chisels — Standard-Duty <i>Used for general demolition.</i>	14" 18" 24" 36" 48" 60" 72"	PB/D	50199207 50199215 50199223 45510682 45510690 45510708 45510716	50197805 50197821 45510245 45510252 45510260 45510278 45510286	50197904 50197912 50197938 51298107 50197979 50197987 50197995	50196385 50196401 50196419 51299477 51299485 51299048 51299493
	1" Narrow Chisels — Super-Duty	11-1/4" 14-1/4"	PB/D	22041503 22041610	22041115 22041123	22041131 22041149	22041156 22041164
	1-1/2" Super-Cut Chisel <i>Specially designed for breaking concrete.</i>	16"	PB	N/A	22040463	22040471	22040489
	3" Chisels <i>Used for concrete demolition and asphalt cutting.</i>	14" 18" 24" 36" 48" 60" 72"	PB	50195288 50195296 45510542 45510559 45510567 45510575 45510583	50195320 50195338 50195353 50195361 50195379 45510476 51304574	50114883 50193754 50193747 45510500 45510518 45510526 45510534	50193879 50193887 50193903 45510484 50193937 45510492 50191790
	3" Digging Chisel <i>Used for deeper digging and asphalt cutting.</i>	16"	D	22040968	22040976	22040984	5018604
	3-3/4" Combo Cutter <i>Great for manhole reconstruction.</i>	11-1/2"	PB	N/A	N/A	22040612	22040620
	5" Asphalt Cutter <i>Asphalt cutting and removal.</i>	11"	PB	22040935	50190404	50185982	50185990
	5-1/2" Clay Spade <i>Trench digging and trimming.</i>	11"	D	50189596	50189554	50189562	50189570
	1" Pipe Drivers <i>Driving steel pipe up to 1-1/2" OD.</i>	11"	PB	N/A	N/A	22040505	22040513
	1-1/2" Pipe Drivers	11"	PB	N/A	N/A	22040547	22040554
	Ground Rod Driver <i>Driving steel rod up to 1" OD.</i>	8"	PB	N/A	22040588	22040596	22040604
	Detachable Shank <i>To be used with tent stake drivers or tamping pad.</i>	7-3/4"	PB/D	22040927	50187830	50187848	50187855
	2" Tent Stake Drivers <i>Used with detachable shank.</i>	N/A	PB/D	22040638	22040638	22040638	22040638
	2-1/2" Tent Stake Drivers	N/A	PB/D	22040646	22040646	22040646	22040646
	8" Tamping Pad Square <i>Tamping and backfilling; used with detachable shank.</i>	N/A	PB/D	50187897	50187897	50187897	50187897
	3-piece Sign Post Driver <i>Includes shank, post block, and 3-1/2" IO driver.</i>	7-3/4"	PB/D	22040778	22040943	22041008	22041016

*PB = Pavement Breaker
D = Digger

Super Duty moil points and chisels are rounded under the collar and have more mass and strength for longer life and less sharpening. Other steel and lengths available through Ingersoll Rand Construction Tool Steels & Accessories Catalog: Form IRPS-0407-006.

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Ingersoll Rand Industrial Technologies provides products, services, and solutions to enhance the efficiency and productivity of our commercial, industrial, and process customers. Our innovative products include air compressors, air systems components, tools, pumps, material and fluid handling systems, and microturbines.

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