

IR Ingersoll Rand

IR15 - IR20

IR25 - IR30

IR40

Paving Breakers



Paving breaker

Total Solutions

Ingersoll Rand is a world leader in the design and manufacture of portable air compressors for the construction industry. Years of experience and investment have resulted in a world class range of compressors, continuously developed from within an organisation able to respond to the needs of the most demanding users. That same organisation offers a range of high-performance, efficient breakers and a complete line of accessories, developed to meet the highest output standards on your most difficult jobsites, whilst keeping your workforce away from hazards.



Performance

Ingersoll Rand breaker models are available in five popular weight categories. The heavier models are best for breaking thick layers of material, whilst the lighter hammers are designed for use in breaking thin layers, where lifting and moving the tool frequently are required. Several common sizes of chisel shanks are offered.

All Ingersoll Rand breaker models are available with either standard handles (type BS) as well as with vibration-damped handles (type BV). Each model has been optimized to deliver outstanding output in its respective weight category. The BV type breakers feature very acceptable hand-arm vibration levels, allowing for safe and productive work all day long.

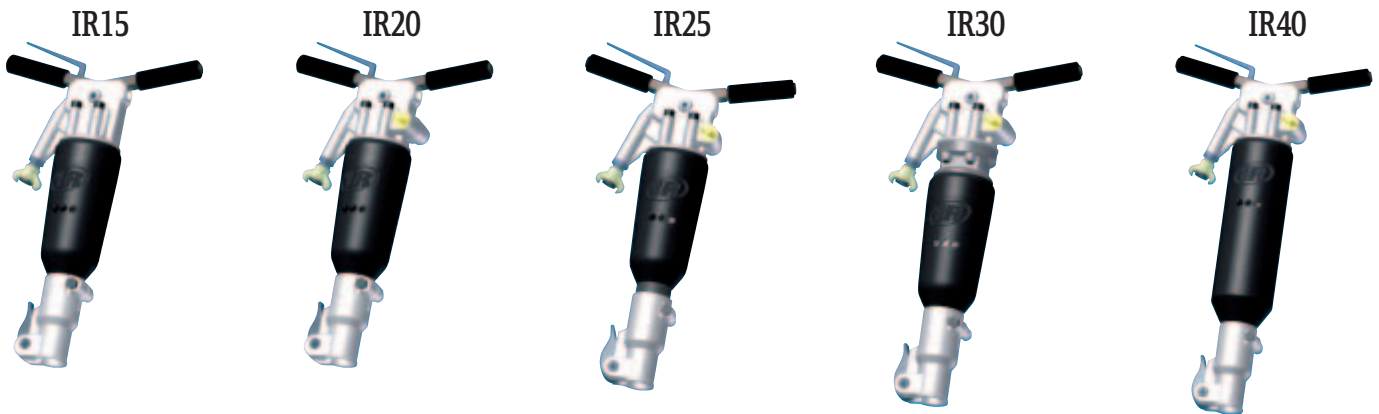
Continuous innovation

Ingersoll Rand is continuously improving its pneumatic demolition tools to meet ever more demanding customer requirements. Innovation may take the form of development of a new heat treatment process to enhance tool durability, as well as the addition of new tools to the range.

Reliability

Power, safety, quality and reliability are the key design concepts behind Ingersoll Rand breakers. These advantages, combined with superior levels of service from Ingersoll Rand, give you a support intended to exceed your expectations.

Specifications



Model	Handle type	Impact frequency bpm	Air consumption m ³ /min	Guaranteed noise level @ 6 bars dB(A)	Hand arm vibrations measured on 3 axis m/s ²	Shank size mm	Tool weight kg	Length without chisel mm	CPN
IR15									
IR15BS	Standard	1200	0.75	103	9.1	22Hx82 25Hx108	15.3 15.6	609 635	85040152 85040137
IR15BV	Vibration dampening	1200	0.75	103	4.1	22Hx82 25Hx108	16.0 16.3	644 670	85040160 85040145
IR20									
IR20BS	Standard	1320	1.30	105		25Hx108 28Hx160	21.7 22.7	659 659	80028491 80028509
IR20BV	Vibration dampening	1320	1.30	105	5.1	25Hx108 28Hx160	20.8 21.8	659 659	80028517 80028525
IR25									
IR25BS	Standard	1320	1.30	108	11.5	28Hx160 32Hx160	25.9 25.9	659 659	80028681 80028699
IR25BV	Vibration dampening	1320	1.30	108	5.2	25Hx108 28Hx160 32Hx160	24.3 25.0 25.0	659 694 694	80028707 80028715 80028723
IR30									
IR30BS	Standard	1200	1.70	110	11.9	28Hx160 32Hx160	30.9 30.9	700 659	85040061 85040046
IR30BV	Vibration dampening	1200	1.70	110	5.3	28Hx160 32Hx160	30.0 30.0	735 735	85040079 85040053
IR40									
IR40BS	Standard	960	1.85	110	8.8	28Hx160 32Hx160	40.9 40.9	765 765	85040020 85040004
IR40BV	Vibration dampening	960	1.85	110	3.5	28Hx160 32Hx160	40.0 40.0	800 800	85040038 85040012

Accessories

In its demolition package, Ingersoll Rand provides high quality chisels, oils, hose and couplings.

32 x 160 Hex Shank Steels

Description	Length below collar mm	CPN
Moil point	450	85040293
Narrow chisel	450	85040301
Tarmac / asphalt cutter 115mm wide x 125mm	280	85040319
Digging spade 125mm wide x 205mm	355	85040327
Digging chisel 75mm wide x 230mm	355	85040335
Stem for tamping pad	230	85040343
180mm diameter tamping pad	/	85040350

28 x 160 Hex Shank Steels

Description	Length below collar mm	CPN
Moil point	450	85040368
Narrow chisel	450	85040376
Tarmac / asphalt cutter 115mm wide x 125mm	280	85040384
Digging spade 125mm wide x 205mm	355	85040392
Digging chisel 75mm wide x 230mm	355	85040400
Stem for tamping pad	230	85040418
180mm diameter tamping pad	/	85040350

25 x 108 Hex Shank Steels

Description	Length below collar mm	CPN
Moil point	380	85040434
Narrow chisel	380	85040442
Digging spade 120mm wide x 190mm	380	80028475
Digging chisel 75mm wide x 230mm	380	80028483

22 x 82 Hex Shank Steels

Description	Length below collar mm	CPN
Moil point	380	85040459
Narrow chisel	380	85040467

Hoses and Couplings

Description	CPN
3/4" (19mm) bore coupled hose 4m length	92737840
3/4" (19 mm) bore coupled hose 15m length	89310718
3/4" (19mm) bore hose coil 60m length	35393990
Hose tail to suit 3/4" (19mm) hose	92150978
Hose clamp	92150986
3/4" BSP male coupling	92178524
3/4" BSP female coupling	92178532
Coupling seal, rubber	92178565
Irex coupling (brass)	91403873
Pressed hose clamp	91404483
Hose safety whip check	97319941
0.28 Litre / half pint inline lubricator	35371111

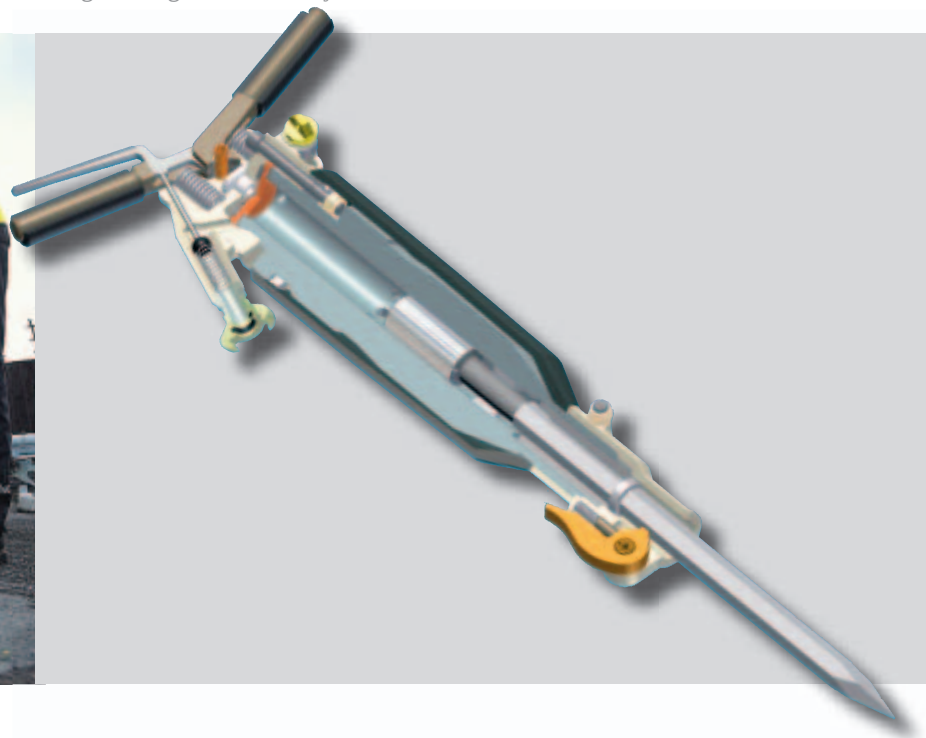
Lubricants

Description	CPN
PRO-TEC 5 litre	85448405
Killfrost oil 0.5 L	35379718



Innovation through design:

- **Better output** The pistons are designed to deliver the best output in each breaker category. Users will see the difference, in terms of square metres of material broken up per hour, in the field.
- **Direct impact** The pistons directly impact on the chisel, resulting in more efficient use of energy and reducing noise.
- **Distribution ring** The specific ring system for air distribution is:
 - **More economical:** Thanks to efficient distribution, air consumption is reduced by up to 25% in comparison with the usual values in each breaker category, whilst delivering excellent output. The user will see the difference in fuel consumption.
 - **More reliable:** Unlike plate distribution, the ring never gets blocked by dirt or thick oil.



- **Robustness and simple maintenance** Thanks to a good design and a small number of moving parts, Ingersoll Rand breakers are reliable and easy to service at a lower cost, even with limited workshop equipment.
- **Built-in oiling device** All Ingersoll Rand breakers except the IR15 have a built-in oiling device, making it possible to work with more freedom of movement.
- **Rotating muffler** The robust rubber muffler can easily be rotated without tools. This feature allows the user to choose the direction of exhaust most appropriate for the job. Moreover, thanks to the slim design of the muffler, the view to the chisel is not blocked and the hammer easily fits into the toolbox of your Ingersoll Rand portable compressor.
- **Noise levels** The efficient rubber muffler allows Ingersoll Rand breakers to comply with the EN2000/14/ED directive on permissible noise levels.
- **Vibration levels** The vibration-damped (BV type) breakers from Ingersoll Rand offer some of the lowest vibration levels (at maximum output) in their categories, allowing for a longer daily usage to make your work more efficient. The vibration values are measured on 3 axes according to the standard EN60745-1:2005.
- **Corrosion resistance** Thanks to zinc-plating and phosphating, the metal surfaces of Ingersoll Rand pneumatic breakers are extremely resistant to corrosion.



Experience the power of Ingersoll Rand construction and road-building equipment, industry-leading support and service. Whatever your job, Ingersoll Rand has the solution from pavers and compactors, portable air compressors, light towers and generators, earth-moving equipment, material handlers, concrete equipment to attachments. Running a successful business takes more than powerful equipment. That's why Ingersoll Rand partners with an experienced global dealer network to stand beside you every step of the way.

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