

YOUR PARTNERS IN DEMOLITION

HP series  
hydraulic breakers

# Indeco breakers

Indeco provides the greatest high-tech solutions for your demolition needs, wherever you are in the world. In-depth research into hydraulic systems, materials, heat treatment and accessories have enabled our company to establish a reputation on the world markets for product excellence.

## Features of indeco breakers

With its many different models, divided into **large, medium** and **small** and available in various versions, Indeco has the **widest range of breakers** available anywhere in the world. This provides end-users with a huge choice, ensuring that they can find the **ideal breaker/excavator match**.

All Indeco breakers have a special **intelligent hydraulic system**, enabling them to automatically vary the energy and frequency of the blows according to the hardness of the material being broken. This optimizes the hydraulic pressure delivered by the machine, thus improving productivity and enhancing the overall performance.

The use of special **low-alloy steels**, exclusively manufactured according to Indeco's own formula greatly lengthen the average working life of the most important breaker components.

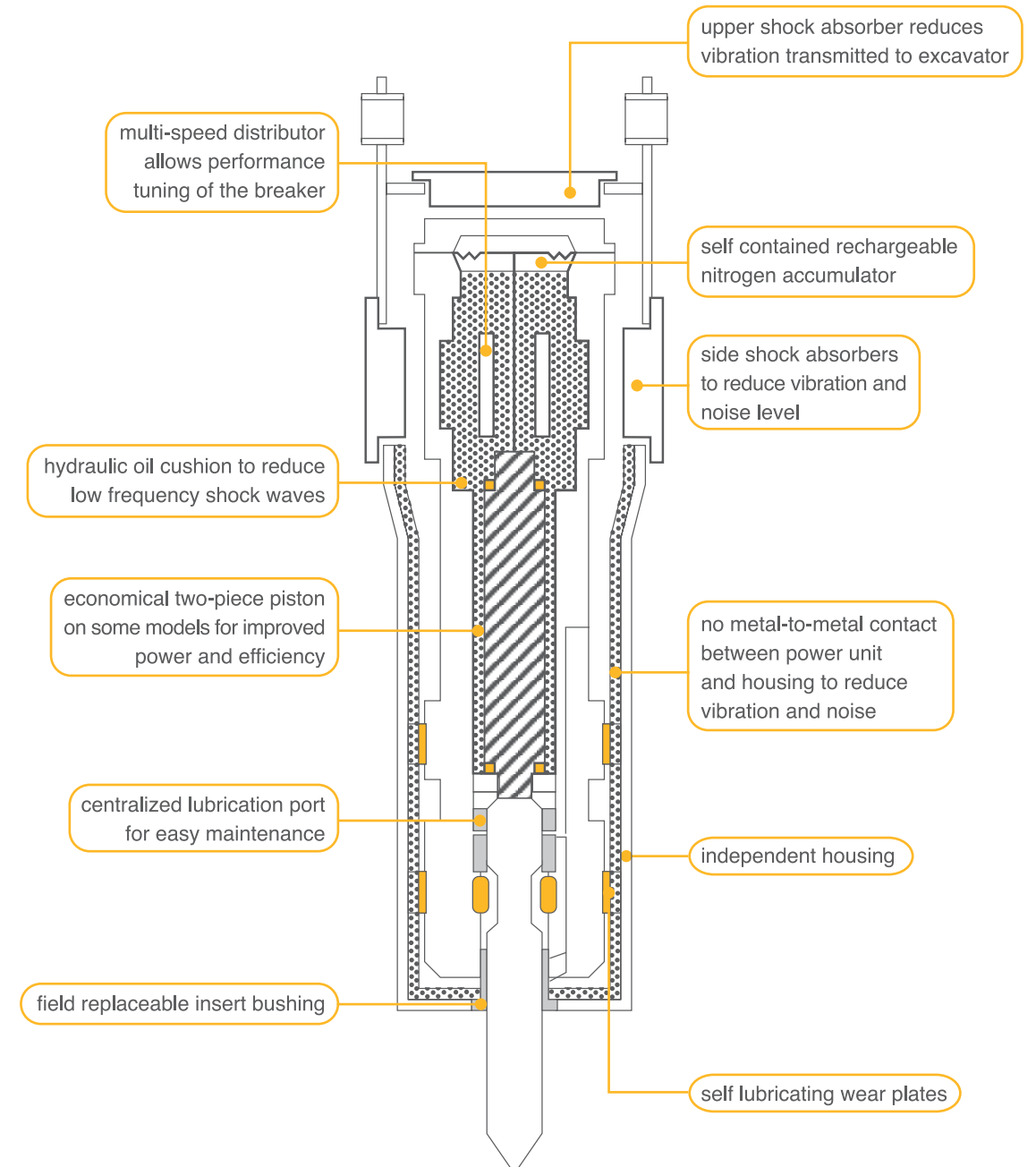
All machines which carry Indeco breakers will benefit from the Indeco **dual shock-absorption system**: an internal hydraulic one and a mechanical one, located outside the body, which substantially reduce the vibrations transmitted to the excavator.

The excavator boom is also subject to lower stress levels, as Indeco breakers are **considerably lighter** under working conditions than other breakers makes in the same class.

The **centralized greasing system** enables the sliding parts to remain lubricated even when the breaker is operating horizontally, thus considerably reducing wear and tear on components and extending product lifetime.

The **“quick change” interchangeable bushing**, which is inserted into the lower tool bushing where the tool moves, reduces maintenance times and costs, by cutting out the long machine downtimes needed to replace the traditional fixed bushing.

Indeco breakers have a **well-proportioned, slim design** which makes them well-suited for working in tight spaces or narrow trenches.



# applications

## small breakers

Despite their compact size, the Indeco's range of small breakers are exceptionally reliable, quiet and efficient, and best suited for such jobs as excavations work, highway maintenance, demolitions and recycling in city areas and building refurbishment. Their versatility makes them extremely efficient in specialist jobs such as maintenance in steel foundries and other industrial applications.



## midi range breakers

Their excellent weight/power ratio and their slimline structure make the midi range Indeco breakers the ideal choice for traditional applications, such as demolishing buildings, earthworks in inhabited areas and secondary demolitions in quarries, as well as for more specific tasks. In fact, midi range breakers are used for underwater work - using a special kit - as well as for digging narrow deep trenches and removing casting slag from blast furnaces.



## large breakers

No job is too tough for a large Indeco breaker. Combining maximum power with the effectiveness of intelligent technology, Indeco's larger breakers are unbeatable when it comes to finishing the toughest jobs in the shortest possible time-frame - whether it's the biggest demolition jobs, primary excavations in quarries, or immense rail and road tunnels.



# the small breaker range HP series

Excellent working companions, mini breakers form the largest class of breakers with in the Indeco range.



Technical Data	HP 200	HP 350	HP 500
Excavator weight (min-max)*	lb 1550 ÷ 6600	lb 3100 ÷ 11000	lb 3750 ÷ 14300
Weight operating	lb 230	lb 360	lb 510
Tool diameter	in 1.80	in 1.90	in 2.25
Oil supply required	gpm 4 ÷ 11	gpm 7 ÷ 12	gpm 8 ÷ 16
Pressure adjusted to the breaker	psi 1550 ÷ 1800	psi 1550 ÷ 1800	psi 1550 ÷ 1800
Pressure adjusted to the excavator	psi 2400	psi 2400	psi 2400
Back-pressure at the breaker	psi 190	psi 210	psi 200
Energy class	lb/ft 200	lb/ft 350	lb/ft 500
Blows per minute	bpm 470 ÷ 1780	bpm 610 ÷ 1570	bpm 470 ÷ 1340

HP 750	HP 1000	HP 1100	HP 1250
lb 6650 ÷ 17600	lb 7750 ÷ 23100	lb 8850 ÷ 26450	lb 11050 ÷ 30850
lb 710	lb 860	lb 980	lb 1170
in 2.70	in 3.00	in 3.15	in 3.55
gpm 14 ÷ 22	gpm 14 ÷ 24	gpm 16 ÷ 27	gpm 19 ÷ 28
psi 1550 ÷ 1800	psi 1550 ÷ 1850	psi 1550 ÷ 1850	psi 1550 ÷ 1850
psi 2400	psi 2500	psi 2500	psi 2500
psi 270	psi 220	psi 220	psi 160
lb/ft 750	lb/ft 1000	lb/ft 1000	lb/ft 1250
bpm 660 ÷ 1370	bpm 530 ÷ 1170	bpm 540 ÷ 1300	bpm 570 ÷ 1180

\*Carrier range is based on boom configuration; please contact your local dealer for optimal carrier/hammer compatibility.

# the midi breaker range HP series

A perfect blend of power and agility characterises the midi range Indeco breakers, tireless partners even on the toughest of jobs.



Technical Data	HP 1500	HP 1800	HP 2000
Excavator weight (min-max)*	lb 14400 ÷ 35200	lb 22100 ÷ 44000	lb 26500 ÷ 48500
Weight operating	lb 1380	lb 1880	lb 2250
Tool diameter	in 3.55	in 4.30	in 4.50
Oil supply required	gpm 19 ÷ 29	gpm 22 ÷ 34	gpm 23 ÷ 35
Pressure adjusted to the breaker	psi 1550 ÷ 1850	psi 1700 ÷ 2000	psi 1700 ÷ 2000
Pressure adjusted to the excavator	psi 2500	psi 2700	psi 2700
Back-pressure at the breaker	psi 120	psi 140	psi 120
Energy class	lb/ft 1500	lb/ft 1800	lb/ft 2000
Blows per minute	bpm 450 ÷ 980	bpm 420 ÷ 1000	bpm 440 ÷ 1060

HP 3000	HP 4000	HP 5000
lb 33000 ÷ 55000	lb 35500 ÷ 61500	lb 42000 ÷ 70500
lb 2650	lb 3320	lb 4350
in 4.80	in 5.10	in 5.55
gpm 30 ÷ 40	gpm 34 ÷ 43	gpm 39 ÷ 48
psi 1700 ÷ 2000	psi 1700 ÷ 2000	psi 1850 ÷ 2150
psi 2700	psi 2700	psi 3000
psi 120	psi 100	psi 120
lb/ft 3000	lb/ft 4000	lb/ft 5000
bpm 460 ÷ 940	bpm 420 ÷ 870	bpm 410 ÷ 870

\*Carrier range is based on boom configuration; please contact your local dealer for optimal carrier/hammer compatibility.

# the large breaker range HP series

This is the most prestigious class, containing the top range of Indeco breakers. They are top breakers not only in terms of size, but also in their outstanding performance.

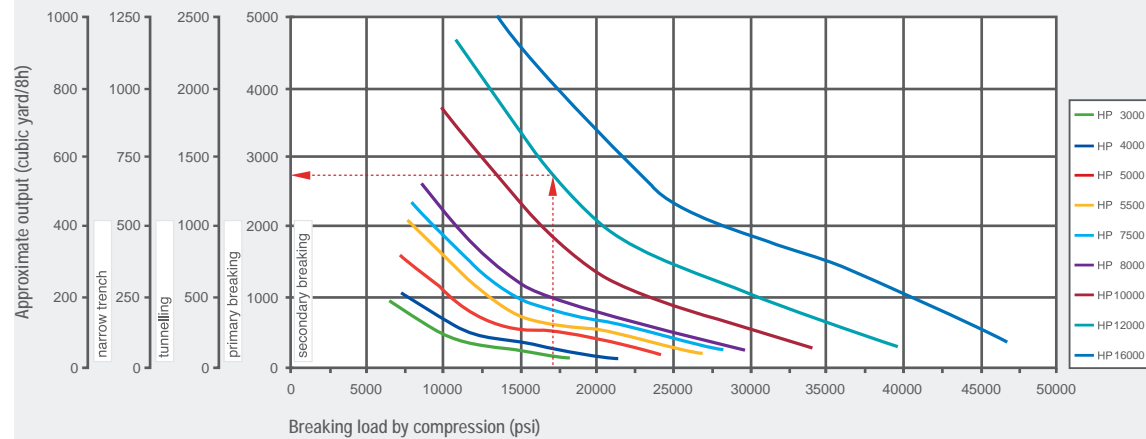
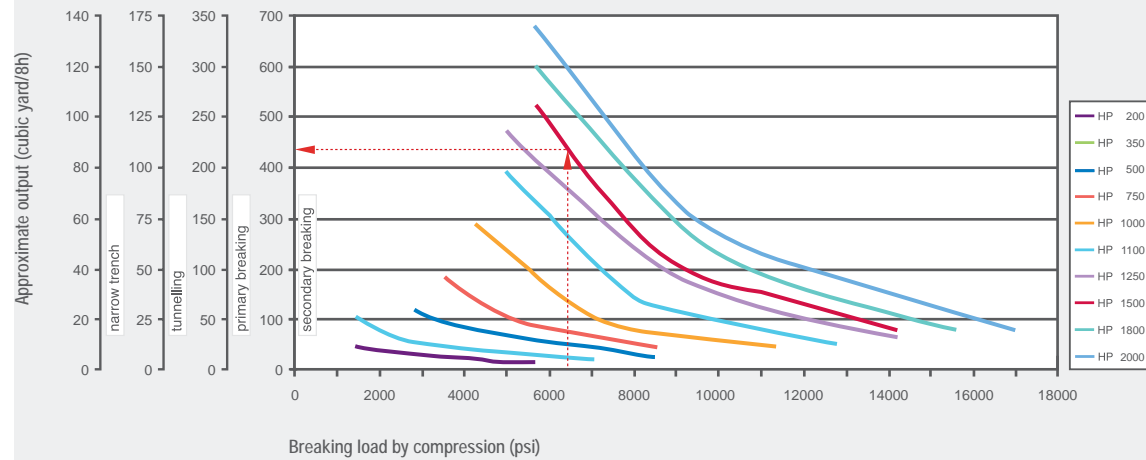


Technical Data	HP 5500	HP 7500	HP 8000
Excavator weight (min-max)*	lb 46500 ÷ 83500	lb 51000 ÷ 92500	lb 60000 ÷ 110000
Weight operating	lb 4900	lb 5780	lb 6650
Tool diameter	in 5.75	in 5.95	in 6.30
Oil supply required	gpm 43 ÷ 53	gpm 48 ÷ 61	gpm 51 ÷ 71
Pressure adjusted to the breaker	psi 1900 ÷ 2300	psi 1900 ÷ 2300	psi 1900 ÷ 2300
Pressure adjusted to the excavator	psi 3100	psi 3100	psi 3100
Back-pressure at the breaker	psi 100	psi 120	psi 100
Energy class	lb/ft 5000	lb/ft 7500	lb/ft 8000
Blows per minute	bpm 390 ÷ 760	bpm 370 ÷ 820	bpm 310 ÷ 670

\*Carrier range is based on boom configuration; please contact your local dealer for optimal carrier/hammer compatibility.

HP 10000	HP 12000	HP 16000
lb 75000 ÷ 125000	lb 86000 ÷ 170000	lb 100000 ÷ 260000
lb 8900	lb 11100	lb 17200
in 7.10	in 7.70	in 8.50
gpm 67 ÷ 81	gpm 77 ÷ 94	gpm 86 ÷ 111
psi 2050 ÷ 2350	psi 2050 ÷ 2350	psi 2050 ÷ 2600
psi 3100	psi 3100	psi 3400
psi 120	psi 120	psi 130
lb/ft 10000	lb/ft 12000	lb/ft 16000
bpm 320 ÷ 580	bpm 270 ÷ 540	bpm 240 ÷ 550

# productivity



# noise levels

Noise level guaranteed\* by the 2000/14/EC directive

All HP models 126

Noise levels measured\* at various distances

Distance	ft 40	ft 60	ft 80	ft 100	ft 120
All HP models	94.3	90.8	88.3	86.5	84.8

\*values expressed in dB (A)

# the tools

## Chisel tool

Suitable for all earthworking or narrow-section excavation jobs on medium to hard stratified rock.



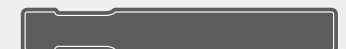
## Moil point tool

Suitable for breaking up concrete, or medium-hard non-stratified rock. Secondary demolitions: average, hard or extremely hard blocks.



## Blunt tool

Suitable for breaking up blocks of any hardness, or to reduce the size of rubble. Secondary breaking, breaking oversize material.



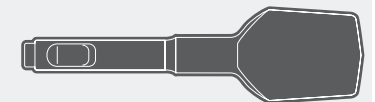
## Cobra chisel tool

Suitable for all types of excavation work on medium-hard to hard rock, non-stratified rock or rock which tends to pulverise when being broken up, "puddingstones".



## Asphalt cutter

Suitable for cutting asphalt, breaking up flooring, as well as brick or sandstone walls.



## Pile driver

Suitable for pilework or press-moulded supports for guardrails, etc.



## Pyramidal point

Suitable for demolishing hard reinforced concrete flooring, as well as sedimentation material.



## accessories

### Underwater kit ①

The kit, which can be applied to all Indeco breakers, is made up of a threaded connector, a steel protector and a tube connecting it to a compressor. The jet of compressed air allows the user to work underwater by preventing water from getting into the inner part of the breaker.

### Pressurised water Dust-Removal System ②

This system requires a hydraulic transformer to be applied to the excavator. There can be several spray nozzles, and they form an umbrella of fine spray over the working area, especially over the toolhead, thereby preventing potentially damaging dust from affecting the breaker and the operator. If required, the equipment can be fitted with an 80-litre water tank and a dispenser for a non-toxic and non-pollutant foam.

### Anti-Grease and Anti-Dust System ③

This system, which is crucial when working in dusty environments and when tunnelling, is made up of two clamps, which are both attached

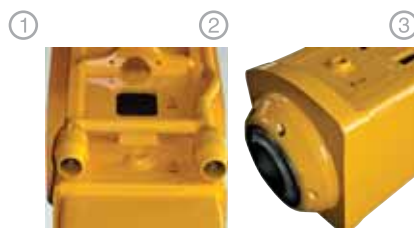
to the tool but are located in different positions, prevent dust from getting in and grease from getting out, improving lubrication levels and thus lengthening the working life of the main breaker components.

### The automatic centralised greasing system ④

This system has a dual function - to optimise grease consumption and to make it unnecessary for the operator to stop work to grease the moving parts. The kit includes a pumping unit pack, tubing and connections to the breaker. The grease point is centralised and feeds all of the bushings and the moving parts at the tool, inside the breaker and on the retaining axle.

### The special Indeco Supreme 1000 lubricant ⑤

It is vital that a specific lubricant be used, to ensure the durability of the main components of the breaker. Indeco's Supreme 1000 grease, with solid additives is particularly resistant to oxidation, can withstand extreme pressures and temperatures and shows excellent adhesion and water-resistance.



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## Indeco in the world

Indeco has now been one of the top names in the demolition technology world for several years. This success is due to the excellent quality of our products and the creation of a highly efficient sales network that has penetrated the world's markets, covering all five continents.

## the efficiency of our after-sales service

The professional competency which Indeco technicians bring to their job and the easy availability of spare parts in all of its distribution centres enables Indeco to guarantee after-sales service anywhere in the world, that is both rapid and capable of resolving any type of problem.

## platinum warranty

Indeco North America offers an optional Platinum Warranty, which guarantees a breaker owner maximum productivity for a minimal up front purchase.

The Platinum Warranty offers virtual "bumper-to-bumper" coverage for a period of twenty-four months.



All of the hydraulic breakers in the Indeco range

Breaker	Weight	Breaker	Weight
HP 16000	lb 17200	HP 1800	lb 1880
HP 12000	lb 11100	HP 1500	lb 1380
HP 10000	lb 8900	HP 1250	lb 1170
HP 8000	lb 6650	HP 1100	lb 980
HP 7500	lb 5780	HP 1000	lb 860
HP 5500	lb 4900	HP 750	lb 710
HP 5000	lb 4350	HP 500	lb 510
HP 4000	lb 3320	HP 350	lb 360
HP 3000	lb 2650	HP 200	lb 230
HP 2000	lb 2250		

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