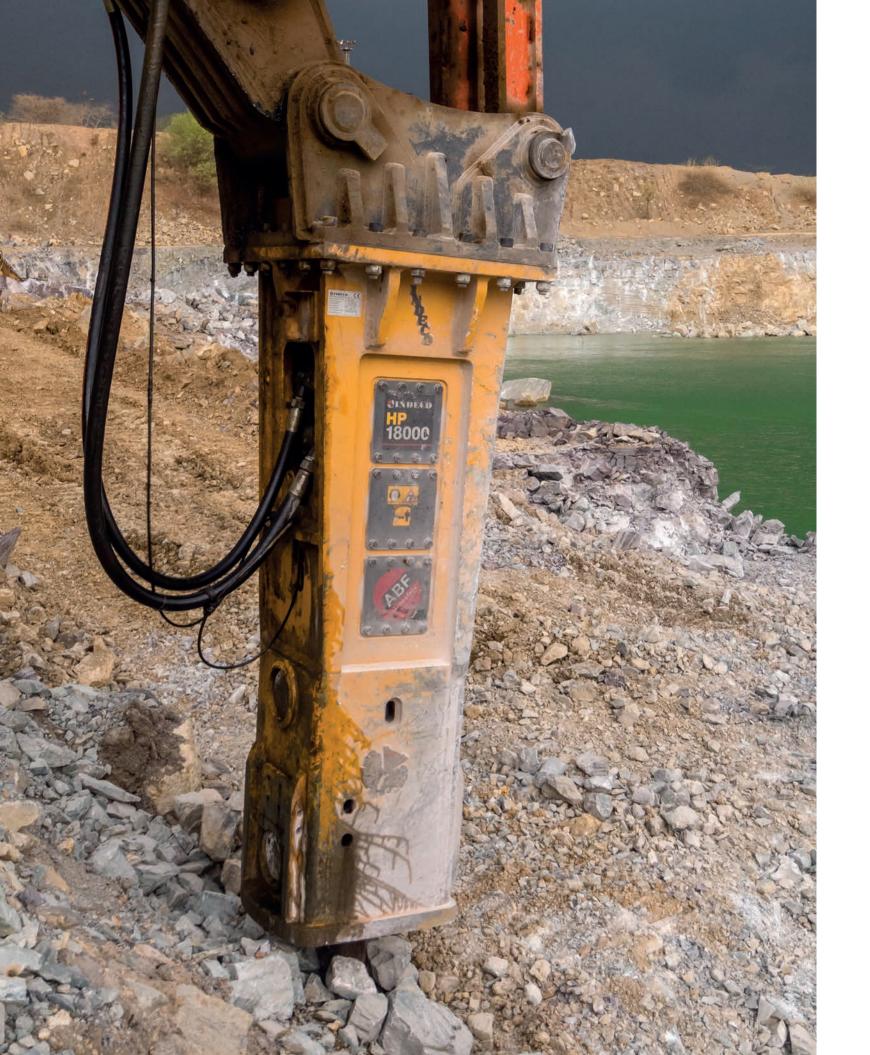
Hydraulic hammers

HP Series







Hydraulic hammers Indeco HP

Indeco HP hydraulic hammers are an outstanding expression of Italian high-tech and construction quality applied to demolition. In-depth research into hydraulic systems, materials, heat treatment and accessories have enabled Indeco to establish a reputation in markets throughout the world for product excellence. With its many different models, divided into large, medium and small and available in various versions, Indeco has the widest range of hammers available anywhere in the world. This provides end-users with a huge choice, ensuring that they can find the ideal hammer/excavator match.





Small hammers

Despite their compact size, Indeco's range of small hammers 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 iron foundries.



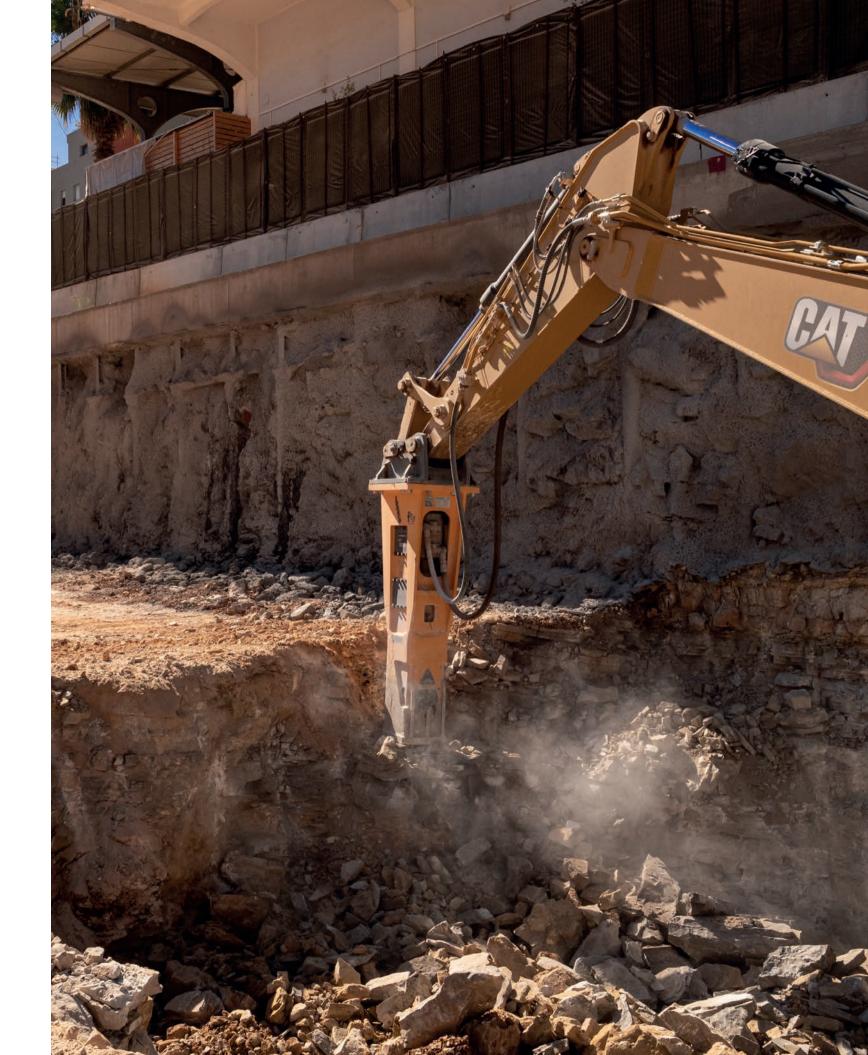


Medium hammers

Their excellent weight/power ratio and their slimline structure make the mid-range Indeco hammers the ideal choice for classical applications, such as demolishing buildings, earthworks in inhabited areas and secondary demolitions in quarries, as well as for more specific tasks. In fact, mid-range hammers 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 hammers

Combining maximum power with the effectiveness of intelligent technology, Indeco's larger hammers are unbeatable when it comes to completing the toughest jobs in the shortest possible time-frame – whether it's the biggest demolition jobs, primary breaking in quarries, digging foundations, or excavating huge rail and road tunnels.



Features of Indeco hammers

All Indeco hammers have a special intelligent hydraulic system [1], enabling them to automatically vary the energy and frequency of the blows according to the hardness of the material being demolished.

This optimises the hydraulic pressure delivered by the machine, thus improving productivity and enhancing the overall performance.

Exclusive features such as the synchronised internal distributor **2** aligned with the piston, the oil cushions **3** for vibration dampening and the short hydraulic flow pattern **4** make it possible to completely do away with seals in the distribution area, a decisive factor in extending the working life of the hammer and significantly reducing downtimes.

The use of special low-alloy steels, exclusively manufactured according to Indeco's own formula greatly lengthen the average working life of the major hammer components. The housing **|5|** is made out of extra-strength HARDOX[®] steel wear plates, which eliminate buckling.

The piston **|6|** is divided into two parts, for greater impact energy and lower operating costs.

The centralised greasing system [7] enables the sliding parts to remain lubricated even when the hammer is operating horizontally, thus considerably reducing wear and tear on components and extending product lifetime.

The "quick change" interchangeable bushing **[8]** is available in various materials for different jobs; it is inserted into the lower tool bushing where the tool moves, and reduces maintenance times and costs, by cutting out the long machine downtimes needed to replace the traditional fixed bushing.

All carriers which mount Indeco hammers benefit from the Indeco dual shock-absorption system **9**: 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 hammers are considerably lighter under working conditions than rival makes in the same class. Alongside the standard versions there is also a super-soundproofed Whisper version, whose body is lined internally with soundabsorbent material **10** and an "anti-rumble" paint, which – combined with a few modifications to the bushing – enable noise emission levels to be considerably reduced. By lowering pressure peaks, the rechargeable hydraulic/ nitrogen accumulator **11** also reduces stress in the excavator hydraulic circuit, keeps the gas charge and energy per blow constant, and reduces maintenance and operating costs.

ABF technology la

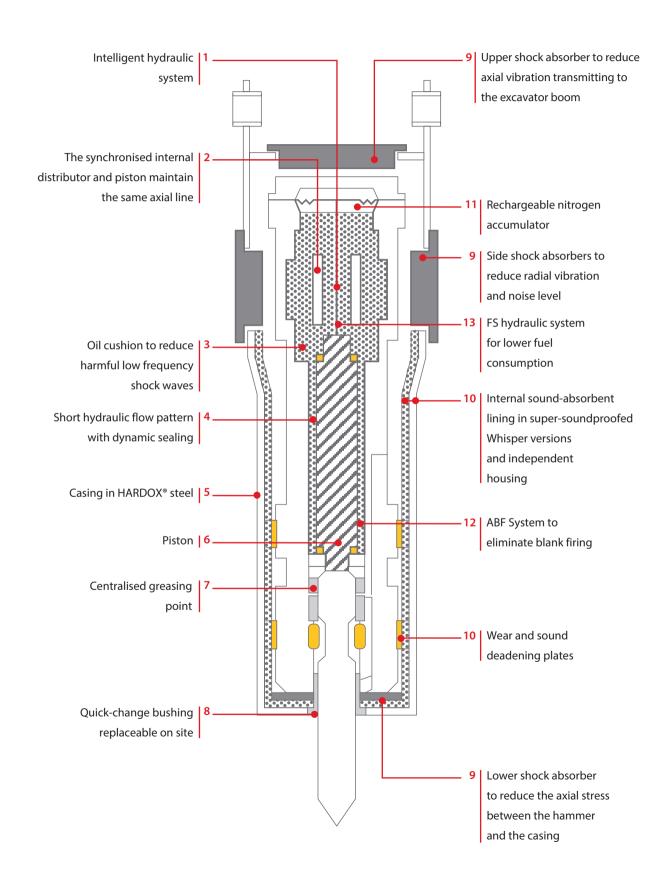
The ABF (Anti Blank Firing) system **12**, installed as standard on all of the medium- and large-range Indeco hammers, cuts out blank fire by eliminating any down pressure from

the hammer whenever the tool is not resting firmly on the surface to be demolished.

This increases the service life of all components subject to wear and tear, as well as reducing stress to the hammer body and excavator arm.

As well as being efficient and reliable, Indeco hydraulic hammers are now proving to be even more environmentally-friendly and low on fuel consumption. With a now even more efficient

hydraulic system **[13]**, the HP series has now also become FS (Fuel Saving). Compared to other manufacturers' models of equivalent weight and performance, Indeco hammers require less oil per minute and lower operating pressure. And as using lower hydraulic power means reducing the number of revolutions per minute on the carrier, they lead to fuel savings o f up to 20%, while ensuring optimum performance and maximum productivity. This becomes even more evident when comparing the Indeco hammer with gas or gas/oil powered products of similar size manufactured by competitors.



Small hammer range **HP** series

These excellent jobsite companions are the most numerous class of models in the Indeco range.



| Technical Data | HP 150 FS | HP 200 FS / HP 200 FS Heavy Duty | HP 350 FS | HP 550 FS |
|---------------------------------------|-----------------|----------------------------------|------------------|------------------|
| Type of carrier | 1 2 | 1 2 | 1 2 | 1 2 3 |
| Excavator weight (possible) | 1150 ÷ 4450 lbs | 1550 ÷ 6650 lbs | 3100 ÷ 11000 lbs | 3750 ÷ 14300 lbs |
| Weight of hammer when operated | 135 lbs | 180 / 220 lbs (Heavy Duty) | 360 lbs | 510 lbs |
| Steel diameter | 1.66 in | 1.80 in | 1.90 in | 2.60 in |
| Pressure adjusted to the excavator | 2400 psi | 2400 psi | 2400 psi | 2400 psi |
| Back pressure max | 240 psi | 160 psi | 150 psi | 170 psi |
| Energy class per blow | 150 lb.ft | 200 lb.ft | 350 lb.ft | 550 lb.ft |
| Number of blows per minute | 400 ÷ 1900 bpm | 540 ÷ 2040 bpm | 700 ÷ 1800 bpm | 540 ÷ 1670 bpm |

Carrier key









| | Tracke |
|--|--------|
| | |
| | |



| | HP 1100 FS | HP 1250 FS |
|------------------|--|--|
| 1 2 3 | 1 3 | 1 3 |
| 7750 ÷ 23100 lbs | 8850 ÷ 26450 lbs | 11050 ÷ 30850 lbs |
| 860 lbs | 980 lbs | 1220 lbs |
| 3 in | 3.15 in | 3.55 in |
| 2500 psi | 2500 psi | 2500 psi |
| 160 psi | 170 psi | 160 psi |
| 1000 lb.ft | 1100 lb.ft | 1250 lb.ft |
| 600 ÷ 1340 bpm | 620 ÷ 1500 bpm | 570 ÷ 1180 bpm |
| | 7750 ÷ 23100 lbs 860 lbs 3 in 2500 psi 160 psi 1000 lb.ft | 7750 ÷ 23100 lbs 8850 ÷ 26450 lbs 860 lbs 980 lbs 3 in 3.15 in 2500 psi 2500 psi 160 psi 170 psi 1000 lb.ft 1100 lb.ft |

For data on the pressure adjusted to the hammer and on oil flow, please consult the "Parameters for selecting and adjusting the hammer" page.

N.B. All illustrations and numerical data in this catalog are purely indicative and subject to change at our discretion and without notice. We therefore reserve the right to modify them with a view to improving and continuously developing our product.

Compact excavator

Miniloader

Backhoe loader

Wheeled excavator

ked excavator



Medium hammer range **HP** series

A perfect blend of power and agility characterises the mid-range Indeco hammers, tireless partners even on the toughest of jobs.



| Technical Data | HP 1500 FS | HP 1800 FS | HP 2000 FS | HP 3000 FS |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|
| Type of carrier | 1 3 4 | 4 5 | 4 5 | 4 5 |
| Excavator weight (possible) | 14400 ÷ 35200 lbs | 22100 ÷ 44000 lbs | 26500 ÷ 48500 lbs | 33000 ÷ 55000 lbs |
| Weight of hammer when operated | 1440 lbs | 1880 lbs | 2250 lbs | 2650 lbs |
| Steel diameter | 3.55 in | 4.30 in | 4.55 in | 4.80 in |
| Pressure adjusted to the excavator | 2500 psi | 2700 psi | 2700 psi | 2700 psi |
| Back pressure max | 120 psi | 140 psi | 120 psi | 120 psi |
| Energy class per blow | 1500 lb.ft | 1800 lb.ft | 2000 lb.ft | 3000 lb.ft |
| Number of blows | 450 ÷ 980 bpm | 420 ÷ 1000 bpm | 440 ÷ 1060 bpm | 460 ÷ 940 bpm |

Carrier key













| HP 4000 FS | HP 4500 FS | HP 5000 FS |
|-------------------|-------------------|-------------------|
| 4 5 | 5 | 5 |
| 35500 ÷ 61500 lbs | 35500 ÷ 66000 lbs | 42000 ÷ 70500 lbs |
| 3320 lbs | 3740 lbs | 4200 lbs |
| 5.10 in | 5.35 in | 5.55 in |
| 2700 psi | 2800 psi | 3000 psi |
| 100 psi | 100 psi | 120 psi |
| 4000 lb.ft | 4500 lb.ft | 5000 lb.ft |
| 400 ÷ 870 bpm | 400 ÷ 870 bpm | 360 ÷ 870 bpm |

For data on the pressure adjusted to the hammer and on oil flow, please consult the "Parameters for selecting and adjusting the hammer" page.

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Compact excavator

Miniloader

Backhoe loader

Wheeled excavator

Tracked excavator



Large hammer range **HP** series

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



| Technical Data | HP 6000 FS | HP 7500 FS | HP 10000 FS | HP 11000 FS |
|---------------------------------------|-------------------|-------------------|--------------------|--------------------|
| Type of carrier | 5 | 5 | 5 | 5 |
| Excavator weight (possible) | 46500 ÷ 84000 lbs | 51000 ÷ 93000 lbs | 60000 ÷ 110000 lbs | 66500 ÷ 121000 lbs |
| Weight of hammer when operated | 5000 lbs | 5550 lbs | 6950 lbs | 7950 lbs |
| Steel diameter | 5.75 in | 5.95 in | 6.30 in | 6.70 in |
| Pressure adjusted to the excavator | 3100 psi | 3100 psi | 3100 psi | 3100 psi |
| Back pressure max | 100 psi | 120 psi | 100 psi | 100 psi |
| Energy class per blow | 6000 lb.ft | 7500 lb.ft | 10000 lb.ft | 11000 lb.ft |
| Number of blows per minute | 370 ÷ 760 bpm | 340 ÷ 820 bpm | 300 ÷ 670 bpm | 300 ÷ 650 bpm |

Carrier key









| | Trackod | |
|--|---------|--|



| HP 12000 FS | HP 14000 FS | HP 16000 FS | HP 25000 Plus FS |
|--------------------|--------------------|---------------------|---------------------|
| 5 | 5 | 5 | 5 |
| 75000 ÷ 138000 lbs | 86000 ÷ 175000 lbs | 100000 ÷ 265000 lbs | 132000 ÷ 310000 lbs |
| 9900 lbs | 11600 lbs | 17200 lbs | 24400 lbs |
| 7.10 in | 7.70 in | 8.50 in | 10 in |
| 3100 psi | 3100 psi | 3400 psi | 3400 psi |
| 120 psi | 120 psi | 130 psi | 160 psi |
| 12000 lb.ft | 14000 lb.ft | 16000 lb.ft | 25000 lb.ft |
| 320 ÷ 580 bpm | 270 ÷ 540 bpm | 240 ÷ 550 bpm | 240 ÷ 460 bpm |
| | | | |

For data on the pressure adjusted to the hammer and on oil flow, please consult the "Parameters for selecting and adjusting the hammer" page.

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Compact excavator

Miniloader

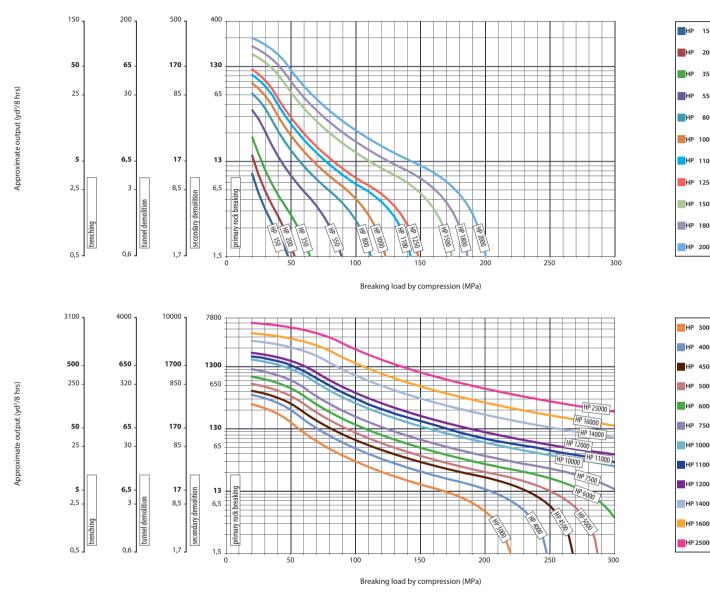
Backhoe loader

Wheeled excavator

Tracked excavator



Productivity



N.B. These nominal values are for reference purposes and are not binding

Noise levels

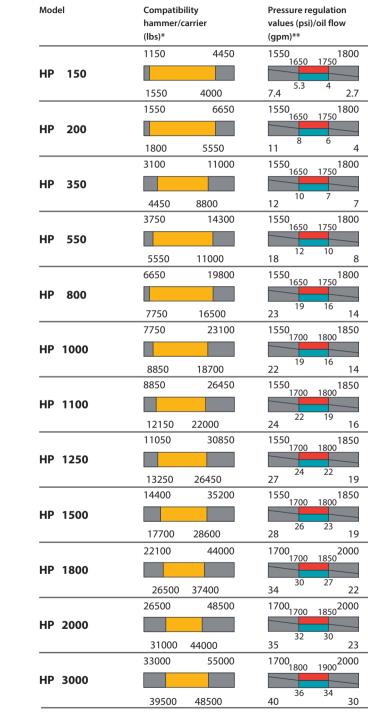
Noise levels measured* at various distances

| Distance | 33 ft | 50 ft | 65 ft | 80 ft | 100 ft | |
|----------------------------|-------|-------|-------|-------|--------|--|
| All HP models | 96* | 92.5* | 90* | 88.1* | 86.5* | |
| *values expressed in dB (A | .) | | | | | |

Noise level guaranteed* by the 2006/42/CE directive

All HP models 126*

Parameters for selecting and adjusting the hammer



*Suggested uses on machines with an overall weight (lbs):

Best

| | Possible (match subject to approv |
|--|-----------------------------------|
|--|-----------------------------------|

**Pressure adjusted to the hammer (psi) relative to oil flow (gpm):

Optimum pressure adjusted to the hammer (psi)

| Model | Compatibility hammer/carrier (Ibs)* | Pressure regulation values (psi)/oil flow (gpm)** |
|----------|---|---|
| | 35500 61500 | 1700 2000 1800 1900 |
| HP 4000 | | |
| | 42000 52500 | 43 37 35 34 |
| | 35500 66000 | 1750 2100 1850 2000 |
| HP 4500 | | |
| | 44500 57000 | 43 ^{39 36} 3 |
| | 42000 70500 | 1850 2150 1950 2050 |
| HP 5000 | | |
| | 46500 61500 | 48 43 39 |
| | 46500 84000 | 1900 2300 1950 2050 |
| HP 6000 | | |
| | 53000 66000 | 49 47 53 43 |
| | 51000 93000 | 1900 2300 2000 2150 |
| HP 7500 | | |
| | 57500 72500 | 57 55 61 4 |
| | 60000 110000 | 1900 230 2000 2150 |
| HP 10000 | | |
| | 66500 88000 | 61 59 71 5 |
| | 66500 121000 | 1900 230 2000 2150 |
| HP 11000 | | |
| | 77500 99000 | 64 61 74 53 |
| | 75000 138000 | 2050 2350 2100 2200 |
| HP 12000 | | |
| | 79000 115000 | 81 76 73 |
| | 86000 175000 | 2050 2350 2150 2250 |
| HP 14000 | | |
| | 101000 150000 | 94 ⁸⁶ ⁸⁴ 7 |
| | 100000 265000 | 2050 2600 2300 2400 |
| HP 16000 | | |
| | 128000 198000 | 101 98 111 8 |
| | 132000 310000 | 2050 _{2300 2500} 260 |
| HP 25000 | | |
| | 165000 265000 | 125 122 138 11 |

val by the Indeco dealer)

Accessories

Indeconnect system

New remote monitoring system, based on the principles of the Internet of Things, to prevent equipment obsolescence and keep high performance. The **'Indeconnect'** [1] system consists of a **device** equipped with 4G technology for a wireless connection to the network, to be mounted on the equipment, and a cloud-based **web platform** you can access from mobile devices (with an app) or from PC, that lets you view the data transmitted in real time by each installed device: working hours, working position in space, hydraulic oil temperature, ambient temperature, GPS position, and more.

Through Indeconnect you can:

- Monitor productivity, making sure each Indeco tool is working as intended
- **Check operations**, verifying in real time the various internal and external parameters of the equipment to make sure that it is used in optimal conditions and correctly
- **Increase security**, by remotely checking the position of the equipment through GPS
- Plan maintenance, monitoring the health of each Indeco tool in real time, also through the automatic alert and messaging system that lets you order spare parts and reduce machine downtime to a minimum
- **Optimise rental**, by supervising and monitoring the management of rented equipment.

IDA (Indeco Dust Abatement) System

An innovative system that is particularly effective for reducing wear and tear on components, extending the working life of the hammer and protecting operators against exposure to microparticles of crystalline silica. It consists of a jet of high-pressure water spray, emitted by a number of nozzles [2] on the casing, which prevents dust from harming both the tool and the operator.





2



5





8



Recently updated to comply with the latest OSHA directives, the system is available in two different versions:

• High-pressure system

Available for medium-large to large hammers, it is made up of an air compressor and a high-pressure water pump, mounted onto the excavator and driven by two hydraulic motors powered by the excavator. A set of electrohydraulic valves enable the excavator operator to activate the pump and compressor independently, thus starting up either one or both of the protection devices: the dust-abatement kit, which uses a fine water spray and the dust shield, which uses the internal pressurization of the hammer [3] to prevent dust, water and debris from getting into the hammer through the bushing, as can occur during tunnel demolitions and underwater excavations.

Low-pressure system

Designed for smaller hammers and pulverizers, the technology involves inserting a vaporizing plate with four nozzles [4], where the mounting bracket is attached, which enables it to cover the whole working area (whatever position it is in) and reduce the amount of dust produced, even on windy days. The new system only needs a lowpressure water supply and the sprayers turn on automatically only when the attachment is in action, thus also reducing water consumption.

Anti-Grease and Anti-Dust System

This system, which is crucial when working in dusty environments and when tunnelling, is made up of two collars. Both are adherent to the tool [5], and which prevent dust from getting in and grease from getting out, improving lubrication levels and thus lengthening the working life of the main hammer components.

Indeco Lube automatic greasing systems

Among the most important accessories on hydraulic hammers, automatic greasing systems developed exclusively for Indeco by Bekalube technical staff are designed to keep hammers in perfect working order, by using just the right amount of lubricant and cutting out the down times needed for the operator to carry out manual greasing. There are two types of greasing unit – either an on-board system that can be fitted directly onto the hammer and which uses a cartridge pump, or else an excavator-mounted unit with its own grease tank [6]. In both cases, these systems are connected to the hammer through a single centralized greasing point [7], which enables the lubricant to reach all of the bushings and the moving parts at the tool, inside the hammers and on the retaining axle.

On-Board greasing systems

- Single-shot cartridge pump works with only one hydraulic line 8, accepts the standard LubeMaxx cartridge, and is recommended for hammers HP 350 - HP 2000
- LubeMaxx Continuous-Flow greaser 9 is recommended for hammers HP 3000 HP 10000
- LubeMaxx XL Continuous-Flow greaser accepts two standard LubeMaxx cartridges [10] and is recommended for hammers HP 12000 to HP 25000

Carrier-mounted systems

- 1.6 gal hydraulically or electrically-operated tank
- 5.8/6.6 gal drumimmersion pump and hydraulic or electric action

Special Indeco Supreme lubricant

It is vital that a specific lubricant be used to ensure the durability of the main components of the hammer. Indeco's **11** Supreme lubricant, with solid additives is













15



particularly resistant to oxidation, can withstand extreme pressures and temperatures and shows excellent adhesion and water-resistance.

Pins and bushings

[12] Designed to make it easier to mount all Indeco products onto the excavator boom, with or without a mounting bracket.

Mounting brackets

Each Indeco mounting bracket model [13] can be used with all Indeco products in the same class.

Folding mounting bracket

A special mounting bracket **14** for folding the hammer away directly under the carrier boom.

Connecting hoses

We recommend using original Indeco high- and lowpressure hoses **[15]** to connect various tools to the hydraulic system on the carrier.

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 demolition: average, hard or extremely hard blocks.

Asphalt cutter / shovel tool

For cutting or breaking the road surface, breaking floors, walls, brick or tuff walls. Available in the in-line (asphalt cutter) and 90° transversal (shovel) versions according to the working direction.

Pile driver

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

Pyramidal point

Suitable for demolishing hard reinforced concrete flooring, as well as sedimentary 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.

Blunt tool

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



Application areas

| | | L | M |
|--|--|----|----------|
| Preliminary works | Overburden removal | 10 | 0 |
| | Bench, road & ramp leveling | 0 | 0 |
| | Roof, face & rib scaling | 0 | 0 |
| Secondary demolition | Boulder reduction in rock pile | 0 | 0 |
| | Removing blockages | | |
| Mining | at crushing systems | 0 | 0 |
| and Quarry Primary rock breaking | Selective rock breaking | 0 | 0 |
| Primary fock breaking | Blastfree mining | 0 | |
| Light demolition | Demolition of masonry structures | 0 | 0 |
| | Brickwork | | 0 |
| HE O | Natural stone | | 0 |
| | Renovation of interiors | | |
| | Autoclaved aerated concrete | 0 | 0 |
| Demolition & Demolition of | Primary demolition of lightweight and | | |
| Renovation Demolition of non-reinforced concrete | standard concrete | 0 | 0 |
| structures | | | ^ |
| | Primary demolition of heavyweight concrete | 0 | 0 |
| | Wall Elements Secondary demolition | 0 | 0 |
| | · · | | |
| Composite steel & concrete | Primary demolition of lightweight and standard | 0 | 0 |
| structure demolition | reinforced concrete | | |
| | Primary demolition of heavyweight steel - | 0 | 0 |
| | reinforced concrete | | |
| | Secondary Demolition floors, slabs and beams | 0 | 0 |
| | Separating rebars from pillars | | |
| | and struts | | |
| | Fiber-reinforced concrete | 0 | 0 |
| | Cutting rebars and steel reinforcements | | |
| Demolition of metallic | Demolition of refineries | | |
| buildings and structures | Cutting of Metal and steel structures | | |
| | Cutting steel girders/beams | | |
| | Cutting reinforcements | _ | <u> </u> |
| Sorting and loading | • Sorting | | |
| | • Loading | _ | |
| | Waste handling | | |
| | Site clean-up | | |
| Pavement demolition | • Asphalt | 0 | 0 |
| | • Concrete | 0 | 0 |
| | Composite surfaces | 0 | 0 |
| Earth moving works | Trenching | 0 | 0 |
| | Ground excavation | 0 | 0 |
| | Floor leveling | | |
| | Soil compaction | | |
| th Moving and | Trench compaction | | |
| Construction | Loading soil or bulk material | | |
| Foundation works | Building foundation excavation | 0 | 0 |
| | Ground leveling | 0 | 0 |
| Building construction | Foundation pile driving | | 0 |
| | Compaction around pillars | | 1 |







 (\Box)

| | | | L | Μ | S |
|----------|------------------------|---|----------|----------|---|
| | Tunnelling | Tunnel excavation | 0 | 0 | 0 |
| | | Roof, face & rib scaling | 0 | 0 | 0 |
| ructures | Underwater application | Dredging | 0 | 0 | 0 |
| | | Dock deepening & extension | 0 | 0 | 0 |
| | | Canal deepening & extension | 0 | 0 | 0 |
| | | Loading soil or bulk material | | | |
| | | Handling rock or breakwaters | | | |
| | Trenching | • Oil & gas, water & sewage | | | |
| | | (deep trenching) | 0 | 0 | 0 |
| | | • Trenching | | 0 | 0 |
| | | Trench soil compaction | | 0 | ō |
| | Road construction | Pile driving and guard rail driving | | 0 | 0 |
| | Road construction | Asphalt repair | | 0 | 0 |
| | | Maintenance work (driveways, sidewalks and | | | |
| | | parking lots) | | | |
| | | Block paving | | | |
| | | • BIOCK PAVING | | | |
| | Slag recycling | Boulder reduction in slag heaps | 0 | 0 | |
| | | Removing blockages | 0 | 0 | 0 |
| | | at crushing systems | <u> </u> | <u> </u> | |
| | Cleaning & debricking | • Ladles | 0 | 0 | 0 |
| rgical | | Converter mouths | 0 | 0 | 0 |
| try | | • Kilns | 0 | 0 | 0 |
| | Gardening | • Fencing | 0 | 0 | 0 |
| | & Landscaping | Ground excavation | 0 | 0 | 0 |
| | | Rock breaking | 0 | 0 | 0 |
| | | • Pit planting | 0 | 0 | 0 |
| lture | | Stump splitting | 0 | 0 | 0 |
| estry | | Golf course maintenance | | | |
| iesti y | | Root and stump grinding | | | |
| | | Hedgerow clearance and rejuvenation | | | |
| | | Grinding of logging residues | | | |
| | Forestry | Timber log handling | | | |
| | | Maintenance of green area, small trees and brush | | | |
| | | Creation and upkeep of woodland corridors and | + | | |
| | | firebreaks | | | |
| | | Tree clearing | | | |
| | | Vegetation clearing | + | | |
| | | Branch clearing | | | |

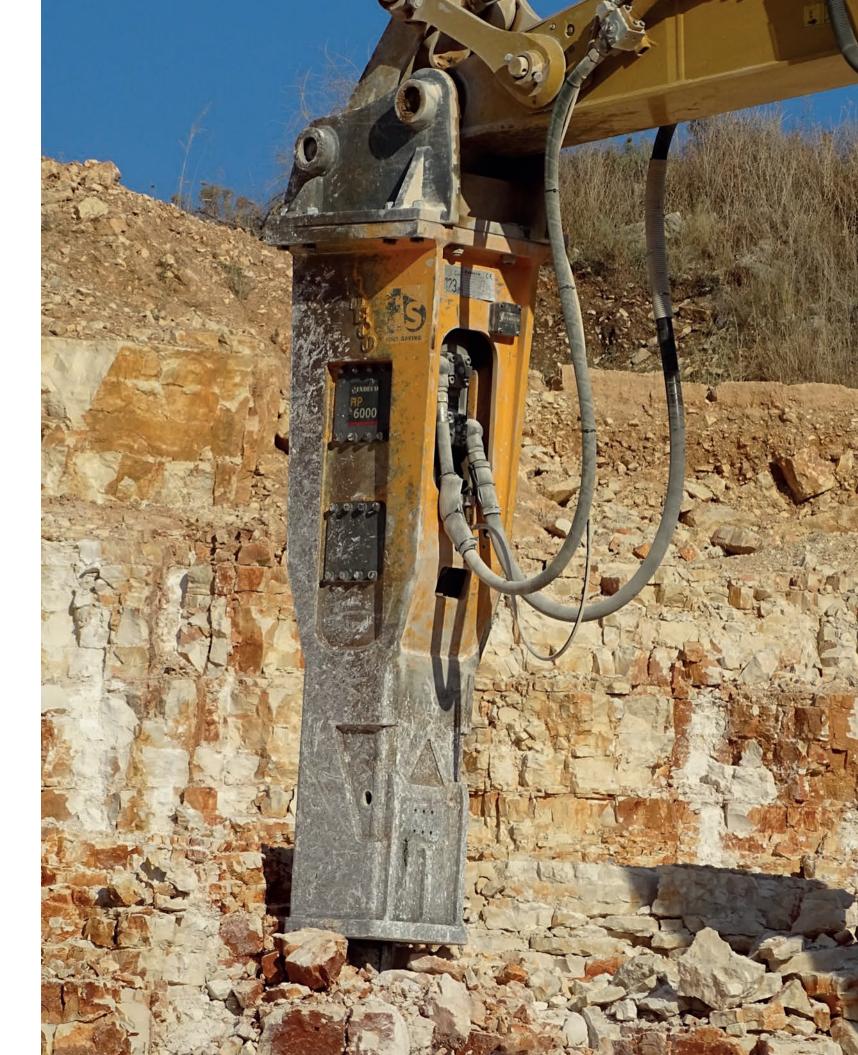


Me

Ag anc

L Large hammers M Medium hammers

Small hammers



The full range of other Indeco products

| Products | | Wei | ght | Products | | Weig | Weight | |
|----------|----------------|------|-----|----------|-------|-------------------|--------|--|
| HP | 150 | 135 | lbs | HP | 3000 | 2650 | lbs | |
| HP | 200 | 180 | lbs | HP | 4000 | 3320 | lbs | |
| HP | 200 Heavy Duty | 220 | lbs | HP | 4500 | 3740 | lbs | |
| HP | 350 | 360 | lbs | HP | 5000 | 4200 | lbs | |
| HP | 550 | 510 | lbs | HP | 6000 | 5000 | lbs | |
| ΗP | 800 | 710 | lbs | HP | 7500 | 5550 | lbs | |
| HP | 1000 | 860 | lbs | HP | 10000 | 6950 | lbs | |
| HP | 1100 | 980 | lbs | HP | 11000 | 7950 | lbs | |
| HP | 1250 | 1220 | lbs | HP | 12000 | 9900 | lbs | |
| HP | 1500 | 1440 | lbs | HP | 14000 | 11600 | lbs | |
| HP | 1800 | 1880 | lbs | HF | 16000 | 17200 | lbs | |
| HP | 2000 | 2250 | lbs | HP | 25000 | Plus 24400 | lbs | |

Platinum Warranty

The professional competency which Indeco technicians bring to their job and the easy availability of spare parts in all of its distribution centers enables Indeco to guarantee after-sales service anywhere in the world, that is both rapid and capable of resolving any type of problem. Indeco North America offers an optional Platinum Warranty, which guarantees a hammer 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.

USA Version

EN

INDECO North America

135 Research Drive Milford CT, 06460 **PH.** (203) 713-1030 - **F** (203) 713-1040 www.indeco-breakers.com Member of

AUTHORISED DEALER

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