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Header 4

List View

- General Information**
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1300745

Procurement Type: Central Master Agreement

Vendor ID: 000000218366

Legal Name: RUDD EQUIPMENT COMPANY INC

Alias/DBA:

Total Bid: \$358,170.00

Response Date: 11/27/2023

Response Time: 14:16

Responded By User ID: Ruddequip

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SO Doc Code: CRFQ

SO Dept: 0803

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Status: Closed

Solicitation Description: ADDENDUM NO_4 Hydraulic Hammer w/mounting

Total of Header Attachments: 4

Total of All Attachments: 4

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Hydraulic Hammer	10.00000	EA	34981.000000	349810.00

Comm Code	Manufacturer	Specification	Model #
22101700			

Commodity Line Comments: w/ hoses, lube system, 4 tools. Inventory is subject to prior sale

Extended Description:

Hydraulic Hammer

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Complete Mounting for Link Belt 145X3	1.00000	EA	2090.000000	2090.00

Comm Code	Manufacturer	Specification	Model #
22101700			

Commodity Line Comments: w/ dedicated pins

Extended Description:

Complete Mounting for Link Belt 145X3

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Complete Mounting for John Deere 135G	1.00000	EA	2090.000000	2090.00

Comm Code	Manufacturer	Specification	Model #
22101700			

Commodity Line Comments: w/ dedicated pins

Extended Description:

Complete Mounting for John Deere 135G

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Complete Mounting for Volvo EC140E	1.00000	EA	2090.000000	2090.00

Comm Code	Manufacturer	Specification	Model #
22101700			

Commodity Line Comments: w/ dedicated pins

Extended Description:

Complete Mounting for Volvo EC140E

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Complete Mounting for Case CX145D	1.00000	EA	2090.000000	2090.00

Comm Code	Manufacturer	Specification	Model #
22101700			

Commodity Line Comments: w/ dedicated pins

Extended Description:

Complete Mounting for Case CX145D

Hydraulic hammers

HP Series

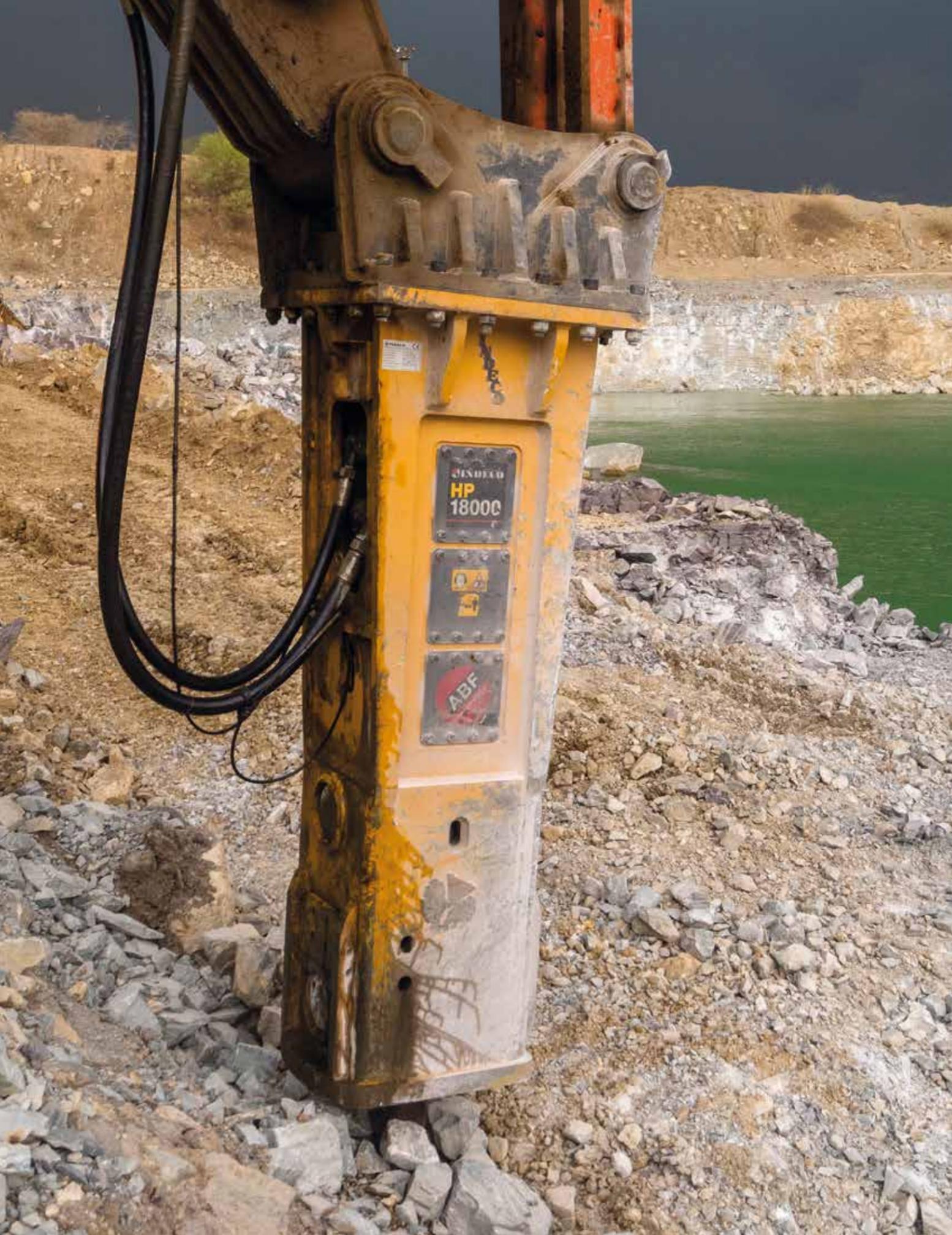


 **INDECO**
A TOOL FOR EVERY JOB

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.



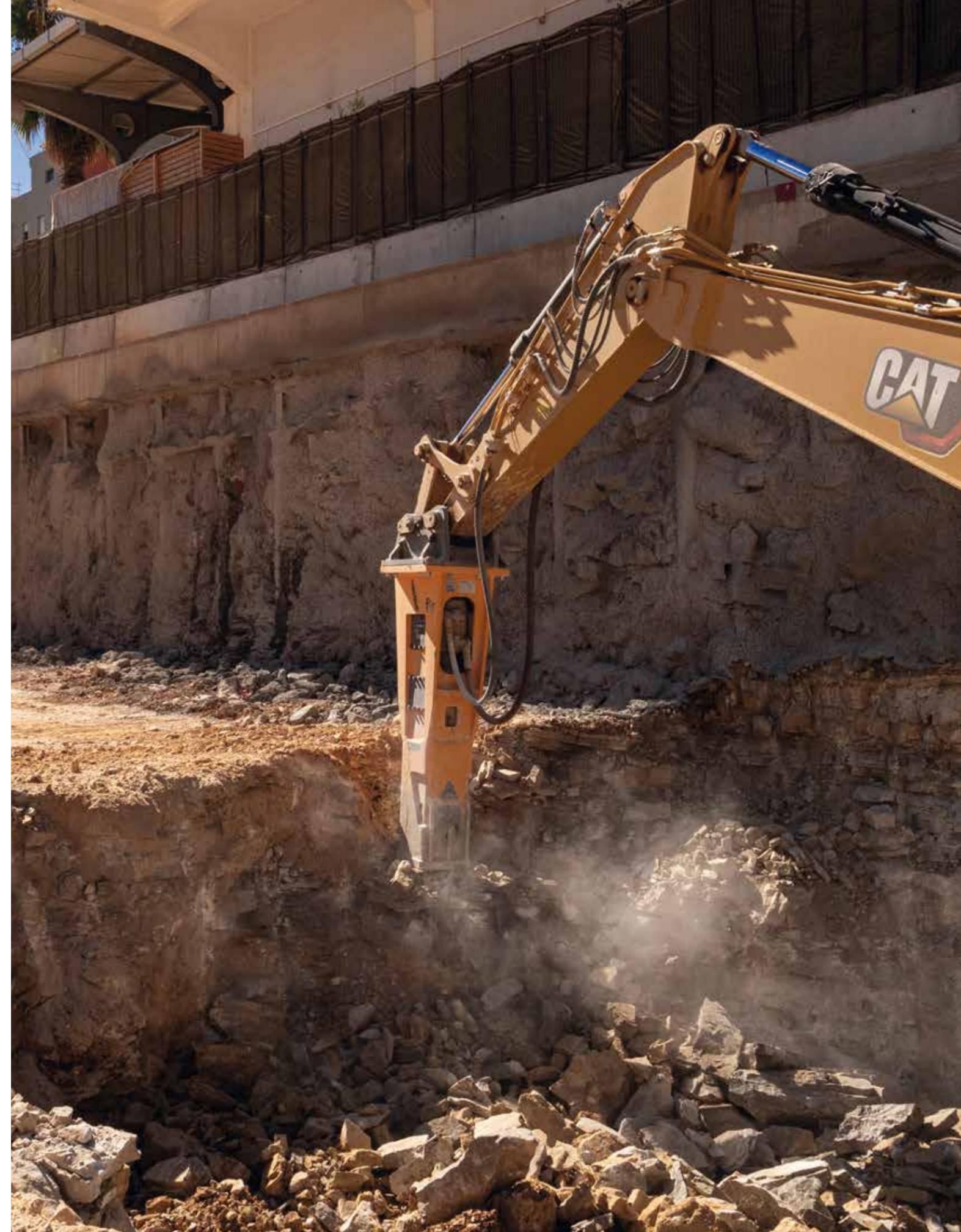
Medium hammers

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 sound-absorbent 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.

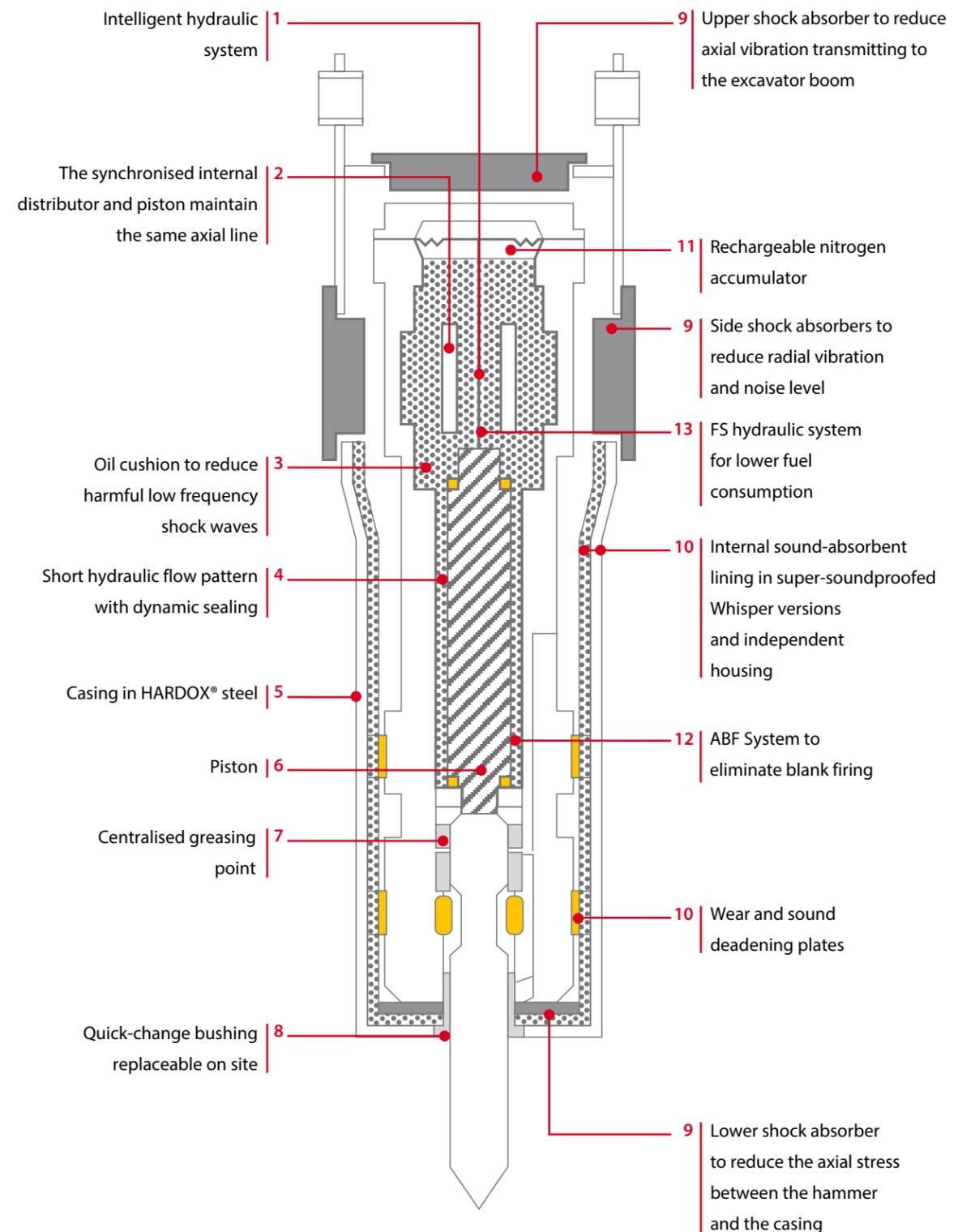


The ABF (Anti Blank Firing) system **[12]**, installed as standard on all of the medium- and large-range Indeco hammers, cuts out blank fire by eliminating any down pressure from the hammer whenever the tool is not resting firmly on the surface to be demolished.

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 of 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

HP 800 FS	HP 1000 FS	HP 1100 FS	HP 1250 FS
1 2 3	1 2 3	1 3	1 3
6650 ÷ 19800 lbs	7750 ÷ 23100 lbs	8850 ÷ 26450 lbs	11050 ÷ 30850 lbs
710 lbs	860 lbs	980 lbs	1220 lbs
3 in	3 in	3.15 in	3.55 in
2400 psi	2500 psi	2500 psi	2500 psi
170 psi	160 psi	170 psi	160 psi
800 lb.ft	1000 lb.ft	1100 lb.ft	1250 lb.ft
780 ÷ 1720 bpm	600 ÷ 1340 bpm	620 ÷ 1500 bpm	570 ÷ 1180 bpm

Carrier key



Compact excavator



Miniloader



Backhoe loader



Wheeled excavator



Tracked excavator

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.

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 per minute	450 ÷ 980 bpm	420 ÷ 1000 bpm	440 ÷ 1060 bpm	460 ÷ 940 bpm

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

Carrier key



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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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

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

Carrier key



Compact excavator



Miniloader



Backhoe loader



Wheeled excavator

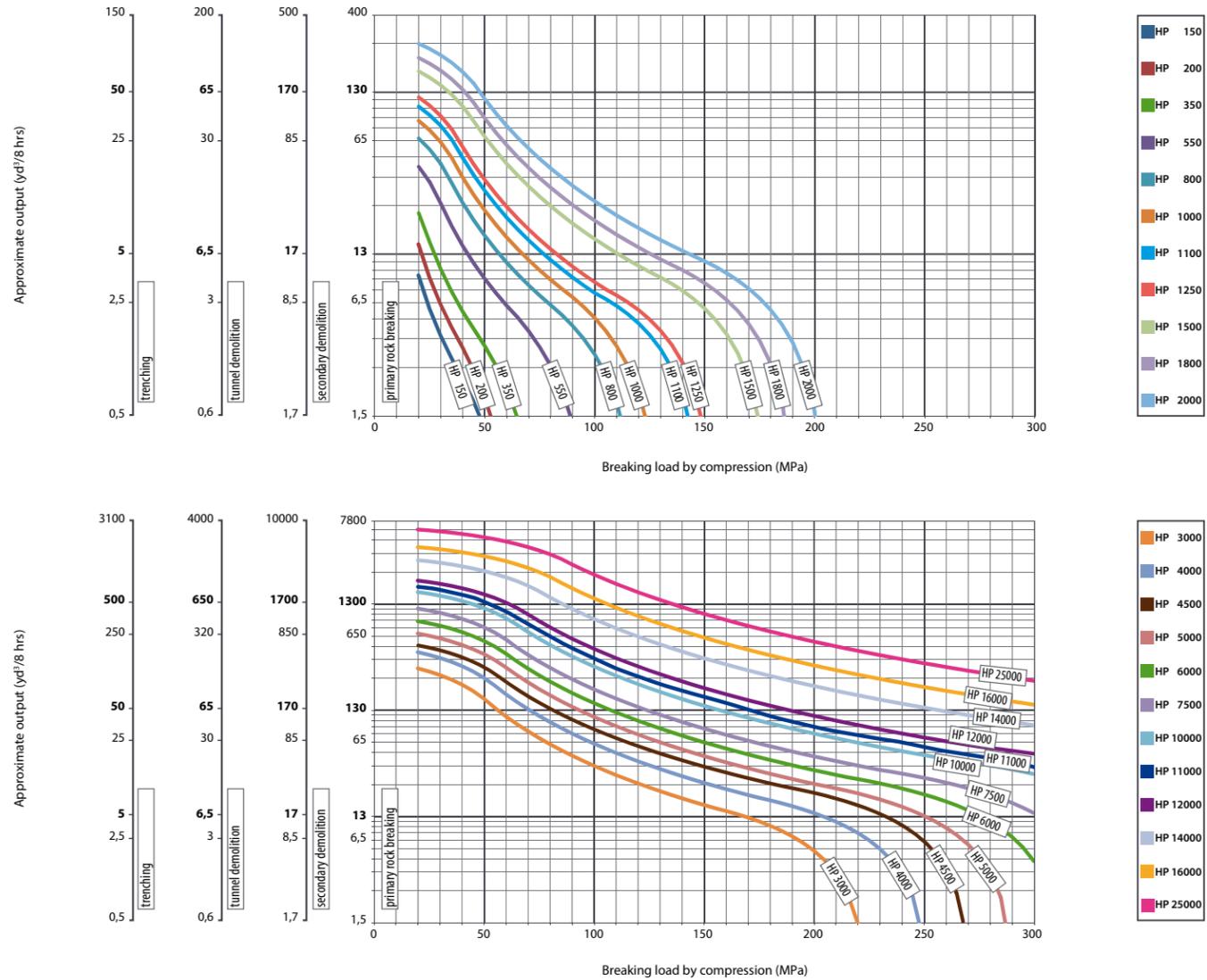


Tracked excavator

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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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*
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Parameters for selecting and adjusting the hammer

Model	Compatibility hammer/carrier (lbs)*	Pressure regulation values (psi)/oil flow (gpm)**	Model	Compatibility hammer/carrier (lbs)*	Pressure regulation values (psi)/oil flow (gpm)**
HP 150	1150 4450	1550 1650 1750 1800 7.4 5.3 4 2.7	HP 4000	35500 61500	1700 1800 1900 2000 43 37 35 34
HP 200	1550 6650	1550 1650 1750 1800 11 8 6 4	HP 4500	35500 66000	1750 1850 2000 2100 43 39 36 35
HP 350	3100 11000	1550 1650 1750 1800 12 10 7 7	HP 5000	42000 70500	1850 1950 2050 2150 48 45 43 39
HP 550	3750 14300	1550 1650 1750 1800 18 12 10 8	HP 6000	46500 84000	1900 1950 2050 2300 53 49 47 43
HP 800	6650 19800	1550 1650 1750 1800 23 19 16 14	HP 7500	51000 93000	1900 2000 2150 2300 61 57 55 48
HP 1000	7750 23100	1550 1700 1800 1850 22 19 16 14	HP 10000	60000 110000	1900 2000 2150 2300 71 61 59 51
HP 1100	8850 26450	1550 1700 1800 1850 24 22 19 16	HP 11000	66500 121000	1900 2000 2150 2300 74 64 61 53
HP 1250	11050 30850	1550 1700 1800 1850 27 24 22 19	HP 12000	75000 138000	2050 2100 2200 2350 81 76 73 67
HP 1500	13250 26450	1550 1700 1800 1850 28 26 23 19	HP 14000	79000 115000	2050 2150 2250 2350 94 86 84 77
HP 1800	14400 35200	1550 1700 1800 1850 34 30 27 22	HP 16000	86000 175000	2050 2150 2250 2350 111 101 98 86
HP 2000	22100 44000	1700 1700 1850 2000 35 32 30 23	HP 25000	100000 265000	2050 2300 2400 2600 138 125 122 111
HP 3000	26500 48500	1700 1800 1900 2000 40 36 34 30			

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

Best Possible (match subject to approval by the Indeco dealer)

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

Optimum pressure adjusted to the hammer (psi) Optimal oil supply (gpm) Possible pressure/oil

Accessories

Indeconnect system

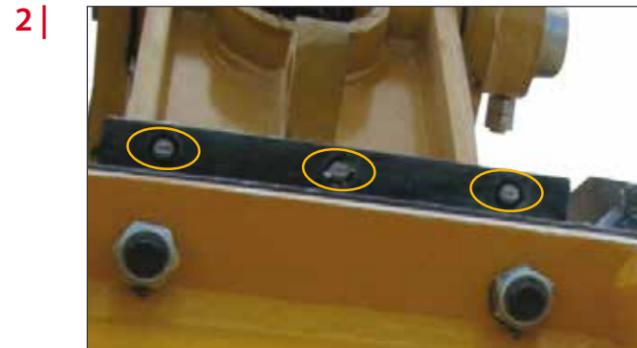
New remote monitoring system, based on the principles of the Internet of Things, to prevent equipment obsolescence and keep high performance. The 'Indeconnect' [1] system consists of a **device** equipped with 4G technology for a wireless connection to the network, to be mounted on the equipment, and 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.



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 low-pressure 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

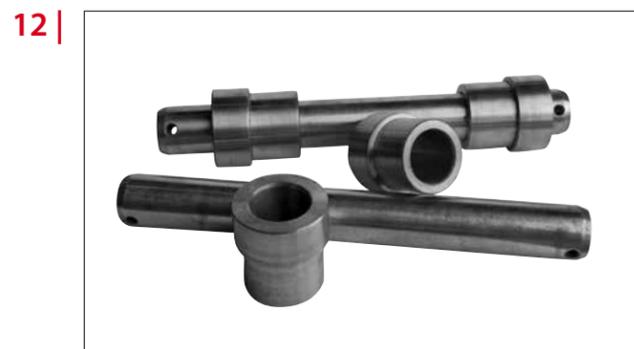
- Single-shot cartridge pump works with only one hydraulic line [8], accepts the standard LubeMaxx cartridge, and is recommended for hammers HP 350 - HP 2000
- LubeMaxx Continuous-Flow greaser [9] is recommended for hammers HP 3000 - HP 10000
- LubeMaxx XL Continuous-Flow greaser accepts two standard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



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 low-pressure 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.



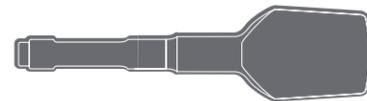
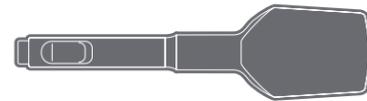
Moil point tool

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.



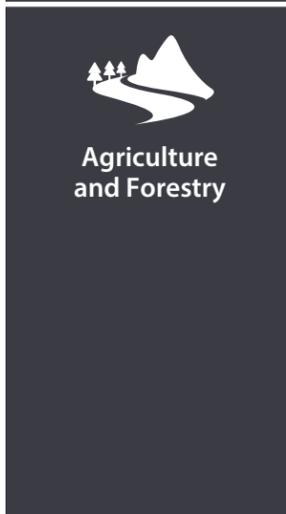
Application areas

Mining and Quarry

Demolition & Renovation

Earth Moving and Construction

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

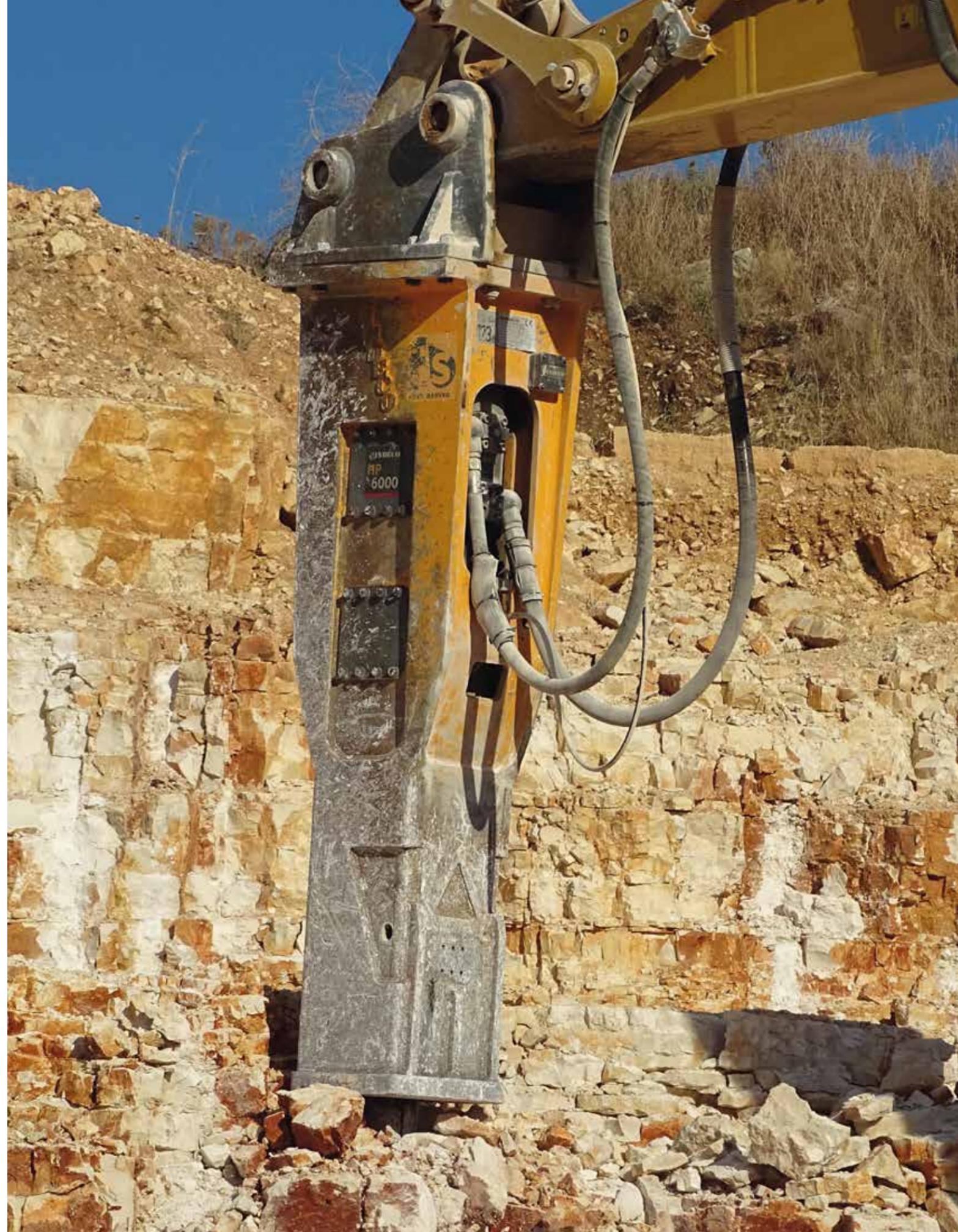


		L	M	S
Tunnelling	• Tunnel excavation	○	○	○
	• Roof, face & rib scaling	○	○	○
Underwater application	• Dredging	○	○	○
	• Dock deepening & extension	○	○	○
	• Canal deepening & extension	○	○	○
	• Loading soil or bulk material			
	• Handling rock or breakwaters			
Trenching	• Oil & gas, water & sewage (deep trenching)	○	○	○
	• Trenching		○	○
	• Trench soil compaction		○	○
Road construction	• Pile driving and guard rail driving		○	○
	• Asphalt repair			
	• Maintenance work (driveways, sidewalks and parking lots)			
	• Block paving			
Slag recycling	• Boulder reduction in slag heaps	○	○	
	• Removing blockages at crushing systems	○	○	○
Cleaning & debricking	• Ladles	○	○	○
	• Converter mouths	○	○	○
	• Kilns	○	○	○
Gardening & Landscaping	• Fencing	○	○	○
	• Ground excavation	○	○	○
	• Rock breaking	○	○	○
	• Pit planting	○	○	○
	• Stump splitting	○	○	○
	• Golf course maintenance			
	• 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			

L| Large hammers

M| Medium hammers

S| Small hammers



The full range of other Indeco products

Products	Weight	Products	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
HP 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	HP 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

AUTHORISED DEALER



Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Request for Quote
 Equipment

Proc Folder: 1300745		Reason for Modification: ADDENDUM NO_4 Vendor Questions and Responses	
Doc Description: ADDENDUM NO_4 Hydraulic Hammer w/mounting			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2023-11-20	2023-11-29 13:30	CRFQ 0803 DOT2400000041	5

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Customer Code: 218366
 Vendor Name: Rued Equipment
 Address: PO BOX 60
 Street:
 City: Nitro
 State: WV Country: USA Zip: 25143
 Principal Contact: Ron Jacobs
 Vendor Contact Phone: 304-755-7788 Extension:

FOR INFORMATION CONTACT THE BUYER
 John W Estep
 304-558-2566
 john.w.estep@wv.gov

Vendor Signature X *Ron Jacobs* FEIN# 61-0445455 DATE 11-27-23

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

ADDENDUM NO_4

Addendum No_4 issued to publish and distribute the attached information to the Vendor Community

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of West Virginia Division of Highways to establish an open-end contract for a Rammer R16P or Equal Hydraulic Hammer. Per the Bid Requirements, Specifications, Terms and conditions attached to this solicitation.

INVOICE TO**SHIP TO**

DIVISION OF HIGHWAYS
EQUIPMENT DIVISION RT 33
83 BRUSHY ROAD
CROSSING, PO BOX 610
BUCKHANNON WV
US

DIVISION OF HIGHWAYS
EQUIPMENT DIVISION
83 BRUSHY FORK RD
CROSSING
BUCKHANNON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Hydraulic Hammer	10.00000	EA	\$ 34,981	\$ 349,810.00

Comm Code	Manufacturer	Specification	Model #
22101700	Indeco	Hyd. Hammer	HD2000-FS

Extended Description: w/ hoses, 4 tools
Hydraulic Hammer

INVOICE TO**SHIP TO**

DIVISION OF HIGHWAYS
EQUIPMENT DIVISION RT 33
83 BRUSHY ROAD
CROSSING, PO BOX 610
BUCKHANNON WV
US

DIVISION OF HIGHWAYS
EQUIPMENT DIVISION
83 BRUSHY FORK RD
CROSSING
BUCKHANNON WV
US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
2	Complete Mounting for Link Belt 145X3	1.00000	EA	\$ 2,090	\$ 2,090.60

Comm Code	Manufacturer	Specification	Model #
22101700	Indeco	mounting Bracket	

Extended Description:
Complete Mounting for Link Belt 145X3

INVOICE TO	SHIP TO
DIVISION OF HIGHWAYS EQUIPMENT DIVISION RT 33 83 BRUSHY ROAD CROSSING, PO BOX 610 BUCKHANNON WV US	DIVISION OF HIGHWAYS EQUIPMENT DIVISION 83 BRUSHY FORK RD CROSSING BUCKHANNON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
3	Complete Mounting for John Deere 135G	1.00000	EA	\$ 2,090	\$ 2,090.00

Comm Code	Manufacturer	Specification	Model #
22101700	Indeco	mounting bracket	

Extended Description:
Complete Mounting for John Deere 135G

INVOICE TO	SHIP TO
DIVISION OF HIGHWAYS EQUIPMENT DIVISION RT 33 83 BRUSHY ROAD CROSSING, PO BOX 610 BUCKHANNON WV US	DIVISION OF HIGHWAYS EQUIPMENT DIVISION 83 BRUSHY FORK RD CROSSING BUCKHANNON WV US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
4	Complete Mounting for Volvo EC140E	1.00000	EA	\$ 2,090	\$ 2,090.00

Comm Code	Manufacturer	Specification	Model #
22101700	Indeco	mounting bracket	

Extended Description:
Complete Mounting for Volvo EC140E

INVOICE TO	SHIP TO
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DIVISION OF HIGHWAYS EQUIPMENT DIVISION RT 33 83 BRUSHY ROAD CROSSING, PO BOX 610 BUCKHANNON WV US	DIVISION OF HIGHWAYS EQUIPMENT DIVISION 83 BRUSHY FORK RD CROSSING BUCKHANNON WV US
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Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
5	Complete Mounting for Case CX145D	1.00000	EA	\$ 2090	\$ 2,090.00

Comm Code	Manufacturer	Specification	Model #
22101700	Indeco	mounting bracket	

Extended Description:
 Complete Mounting for Case CX145D

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Pre-bid - Equip Division - Buckhannon, WV 1:00PM	2023-11-09
2	Tech Question due by 10:00am	2023-11-16

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DOT2400000041

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input checked="" type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Rudd Equipment Company
Company

Ron Jacobs
Authorized Signature

11-27-23
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.

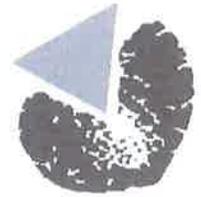
VENDOR: _____ Hydraulic Hammer

Item No.	Description:	Model & Part Number Being Bid	Estimated Unit Quantity	Unit Price	Item Total Cost
1	Rammer R16P Hydraulic Hammer or Equal	INDECO HP2000-FS	10	\$34,981.00	\$349,810.00
2	Complete mounting for Link Belt 145X3	INDECO MOUNTING BRACKET	1	\$2,090.00	\$2,090.00
3	Complete mounting for John Deere 135G	INDECO MOUNTING BRACKET	1	\$2,090.00	\$2,090.00
4	Complete mounting for Volvo EC140E	INDECO MOUNTING BRACKET	1	\$2,090.00	\$2,090.00
5	Complete mounting for Case CX145D	INDECO MOUNTING BRACKET	1	\$2,090.00	\$2,090.00
Total Bid Cost					\$358,170.00
Bid Will Be Awarded To The Lowest Overall Bid Total For All Items					
Vendor Information					
Company Name: RUDD EQUIPMENT COMPANY, INC.					
Contact Manager: RON JACOBS					
Address: PO BOX 610, NITRO, WV 25143					
Phone: 304-755-7788					
Fax: 304-755-7990					
E-mail: RJACOBS@RUDDEQUIPMENT.COM					
Signature:					



INDECO North America

135 Research Drive
Milford, CT 06460



Standard New Breaker Limited Warranty

INDECO N.A. warrants New Indeco Breakers to be free of defects in materials or workmanship subject to the following terms and conditions.

- 1) Warranty period shall be **12 months** from date of first installation, based on a standard, 1 shift, 40 hour, work week, **providing** the first installation takes place **within 12 months of the original INDECO to Distributor Invoice date**. If a Breaker is being installed for the first time 12 months after the original Invoice date, the Distributor must contact INDECO for Warranty Policy.
- 2) This Warranty covers hourly Labor as listed in the INDECO Flat Rate Schedule at **75%** of the Distributors shop labor rate. INDECO **does not** reimburse for mileage charges.
- 3) This Warranty covers Breakers used in accordance with published INDECO maintenance and operation procedures.
- 4) **This warranty does not cover failures determined by INDECO to be due to lack of lubrication, improper installation, poor maintenance or improper operation.**
- 5) This warranty **does not** cover the replacement of Wear Items.
The following parts are considered to be Wear Items:

Insert Bushing & Circlip	Side Shocks
Upper Tool Bushing	Top Shock
Upper Spacer	Tool Retainers
Lock Bolts	Wear Pads

Tool Steel – Note: INDECO Tool Steel is covered by the INDECO Tool Steel Limited Warranty (WAR-0015-TS-90)
- 6) This Warranty **does not** cover the replacement of service items.
The following parts are considered Service Items:

O-rings	Seals
Diaphragms	Roll Pins
Grease fittings	Springs
- 7) This warranty **does not** cover loss of operating time, loss of use or consequential damages to the carrier or other equipment.
- 8) This warranty does not cover transportation or freight cost. Associated cost for transportation of the Breaker to an INDECO repair facility is the responsibility of the Unit Owner.
- 9) The repair or replacement of parts during the warranty period **does not** prolong this warranty.
- 10) This Warranty **does not** cover, or include, items sold with, or attached to, the Breaker.
Examples: Mounting Brackets, Power Lube Systems, Underwater Kits, Hydraulic Kits and Hoses.
- 11) Use of Non INDECO OEM Spare parts and/or Tools will **terminate** this warranty.
- 12) Altering or modifying of the Breaker without the written approval by INDECO will **terminate** this warranty and any obligations under this warranty.
- 13) **Fraudulent Warranty Claims and Waiver of Right to Future Warranty Claims.** Distributor understands and agrees that if Distributor submits a fraudulent Warranty Claim on this Limited Warranty, Distributor hereby waives it's right to all further Warranty Claims (Fraudulent and NON-Fraudulent).
- 14) **Warranty Registration:** INDECO assumes no liability for warranty request submitted for products for which a New **Product Warranty Registration** form has **not** been completed and submitted to INDECO **within 60 days from the time of first installation** of the Breaker. Any warranty request submitted for a product for which INDECO does not have a New Product Warranty Registration form on file **will be denied**.