



 **INDECO**  
YOUR PARTNERS IN DEMOLITION

IFP and IRP pulverizers  
MULTI multifunctional  
IDG demolition sorting grab

# IFP, IRP, MULTI and IDG

The result of Indeco's advanced technological know how, the complementary products in the demolition range were designed and created following the top quality guidelines already used in manufacturing our famous hydraulic breakers.

In the manufacturing process, Indeco have used the latest technologically advanced materials, specifically designed to withstand high levels of pressure, wear and abrasion, and prolonged use regardless of jobsite conditions.

## Indeco pulverizers

The advantages of Indeco pulverizers include an innovative design, which provides better grip and makes them easier to handle.

The unique shape of Indeco pulverizers is a design feature created specifically to reduce the variation in the force required between the start (maximum opening) and the finish (minimum opening). This leads to greater efficiency when demolishing and reduces both working times and stress transmitted to the excavator. Another important feature is the huge opening between the two jaws and a hydraulic system with a "regeneration valve". This enables the movable jaw to be closed more quickly under no-load conditions, in order to apply all of the force available only when pulverising material, thus increasing productivity. Indeco pulverizers can adjust the distance between the cutters located inside the jaws, so that the steel rods inside reinforced concrete can be cut more efficiently.

## The Indeco Multi

An extremely versatile product, the Indeco Multi with its kit made up of different types of jaw

sets for various functions (demolition crusher, shears and pulverizer jaw sets), provides a solution for both specialist and non-specialist companies who need the right equipment for a whole range of demolitions tasks in various jobsite situations. It is the shape of its jaws that makes the Indeco Multi unique. Shape is a crucial factor in the dynamics of these machines, and most importantly affects their performance.

## Demolition sorting grabs

Years of experience in the "silent demolitions" field have enabled Indeco to meet the specific demands of the market by designing and developing – with all our usual excellence in terms of innovation, quality and reliability – this line of equipment for recycling and for storing waste materials.

Its innovative design and the use of special wear-resistant steels have helped to combine some key features such as outstanding robustness and light weight, as well as above-average payload and gripping force.

The range of models produced means there is always at least one suitable for a carrier of any size. Exceptional manoeuvrability (thanks to its 360° rotation), mounting bracket compatible with other Indeco products, maximum precision in handling and cheap to run, are some of the additional qualities that make the Indeco IDG demolition sorting grab a safe and reliable partner.

# applications

With their outstanding strength, robustness and versatility, all new Indeco products are the ideal tools for demolition or recycling jobs on reinforced concrete buildings or other structures, and for earth-moving in general. Pulverizers are perfect not only for the primary demolition of buildings, vertical structures, flooring, slabs and external walls, but also for the secondary demolition of reinforced concrete materials and structures, and for recycling after separating the concrete from the steel rods.

The Multisystem provides a viable solution for

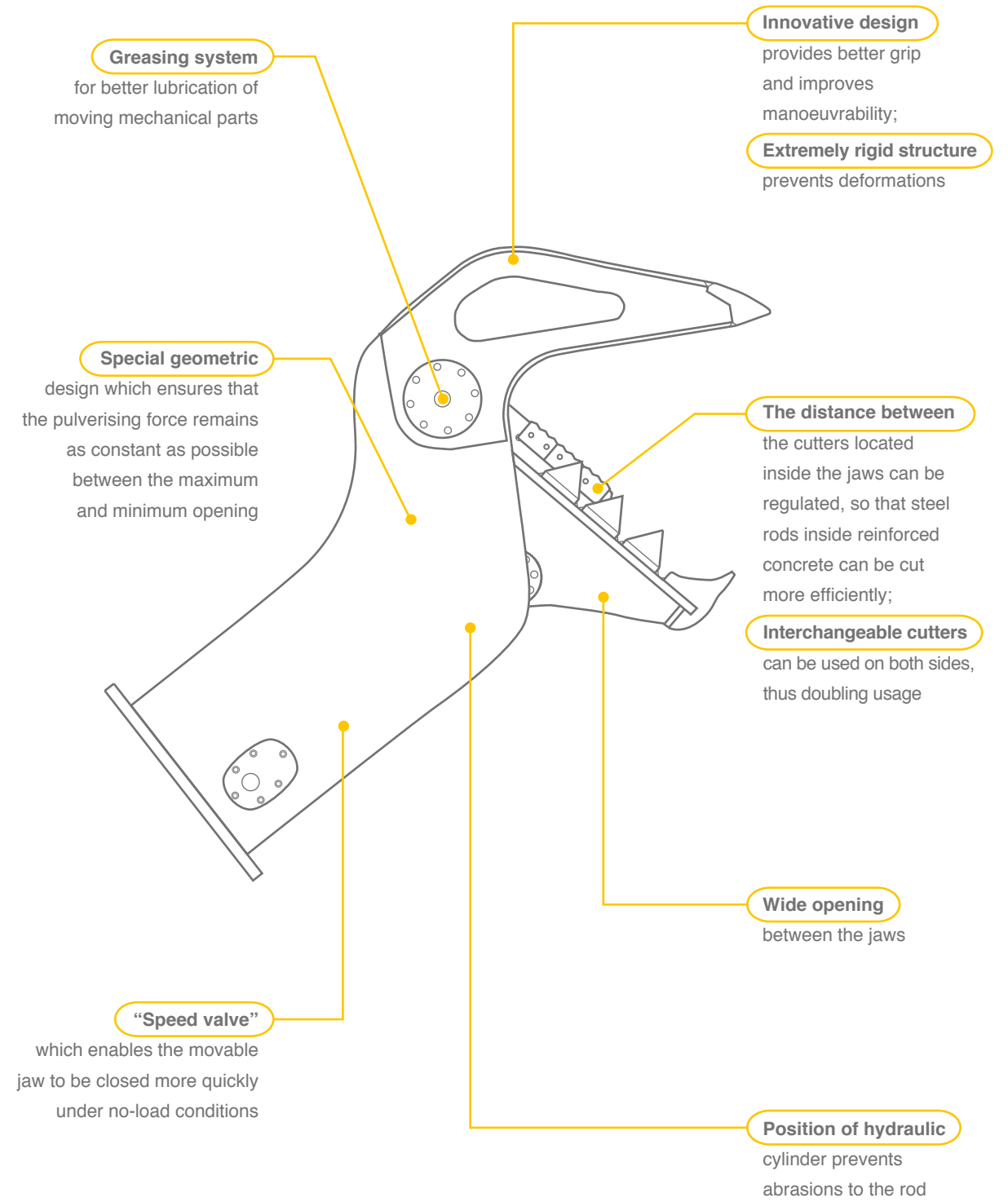
demolition companies who need a tool that can handle a whole range of demolition tasks in various jobsite situations.

Indeco IDG demolition sorting grabs were designed and developed to satisfy the needs of those looking for equipment that can handle light demolition work, such as demolishing wood and brick structures, and can also be used to select and handle waste materials. Their unique structure, outstanding manoeuvrability, power and high payload are ideal for recycling and recovery.





# Indeco IFP fixed pulverizers





| Technical data  | IFP 400        | IFP 1000        |
|---|----------------|-----------------|
| Excavator weight  | 5,5 ÷ 16 tons  | 16 ÷ 33 tons    |
| Pulverizer weight   | 550 Kg         | 1700 Kg         |
| Jaw opening   | 525 mm         | 810 mm          |
| Height  | 1400 mm        | 1960 mm         |
| Width   | 1300 mm        | 1809 mm         |
| Jaw width   | 330 mm         | 460 mm          |
| Oil delivery  | 80 ÷ 120 l/min | 180 ÷ 220 l/min |
| Maximum working pressure  | 250 bars       | 350 bars        |
| Maximum clamping force at tip                                   | 35 tons        | 87 tons         |
| Maximum clamping force at shears                                | 110 tons       | 241 tons        |
| Shear length  | 100 mm         | 240 mm          |
| Max cutting diameter  | 35 mm          | 45 mm           |
| Closure time (no-load, at 200 l/min)                            | *1,7 s         | 2,3 s           |
| Opening time (no-load, at 200 l/min)                            | 0,8 s          | 2,4 s           |
| Hydraulic connections   | 3/4"           | 1 1/4"          |
| Compatibility of attachment plate with breaker mounting bracket | HP 1200        | -               |

\*without regeneration valve



| Technical data  | IFP 1250          | IFP 1350          |
|---|-------------------|-------------------|
| Excavator weight  | 23,5 ÷ 43 tons    | 29,5 ÷ 55 tons    |
| Pulverizer weight   | 2500 Kg           | 3300 Kg           |
| Jaw opening   | 910 mm            | 1010 mm           |
| Height  | 2480 mm           | 2500 mm           |
| Width   | 2040 mm           | 2060 mm           |
| Jaw width   | 510 mm            | 550 mm            |
| Oil delivery  | 180 ÷ 250 l/min   | 180 ÷ 260 l/min   |
| Maximum working pressure  | 350 bars          | 350 bars          |
| Maximum clamping force at tip                                   | 100 tons          | 110 tons          |
| Maximum clamping force at shears                                | 270 tons          | 295 tons          |
| Shear length  | 240 mm            | 360 mm            |
| Max cutting diameter  | 50 mm             | 50 mm             |
| Closure time (no-load, at 200 l/min)                            | 3 s               | 2,3 s             |
| Opening time (no-load, at 200 l/min)                            | 3,5 s             | 2,5 s             |
| Hydraulic connections   | 1"                | 1"                |
| Compatibility of attachment plate with breaker mounting bracket | HP 7000 - HP 9000 | HP 7000 - HP 9000 |

## compatibility

Suggested uses on machines with an overall weight (tons):



■ BEST ■ POSSIBLE (match subject to approval by the nearest Indeco dealer)

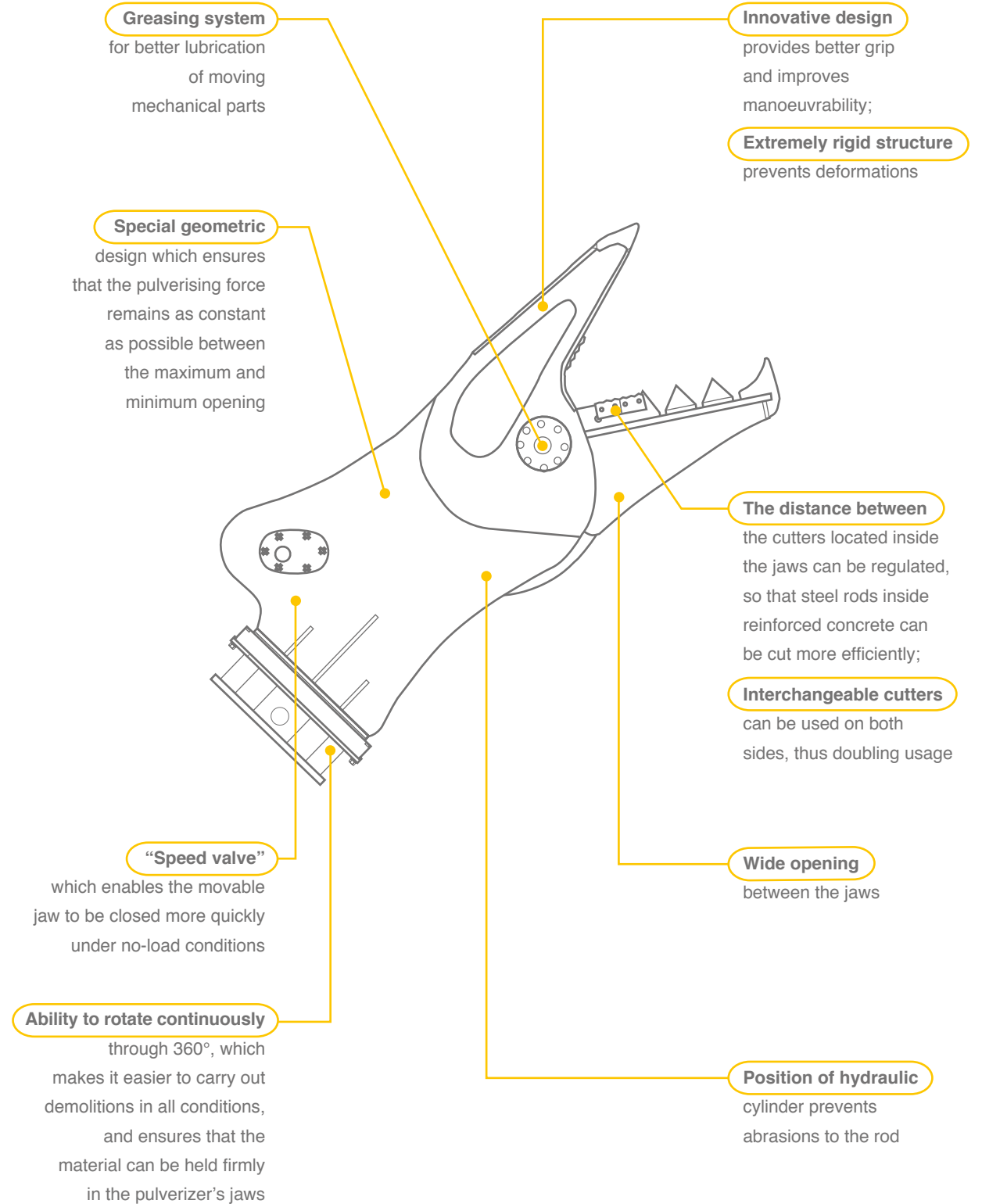
Suggested uses on machines with an overall weight (tons):



■ BEST ■ POSSIBLE (match subject to approval by the nearest Indeco dealer)



# Indeco IRP rotating pulverizers

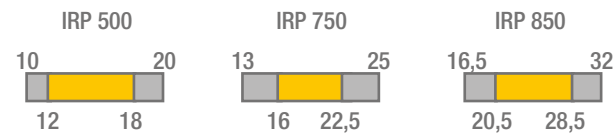




| Technical data  | IRP 500         | IRP 750           | IRP 850           |
|---|-----------------|-------------------|-------------------|
| Excavator weight  | 10 ÷ 20 tons    | 13 ÷ 25 tons      | 16,5 ÷ 32 tons    |
| Pulverizer weight   | 900 Kg          | 1300 Kg           | 1750 Kg           |
| Jaw opening   | 560 mm          | 620 mm            | 725 mm            |
| Height  | 1860 mm         | 2160 mm           | 2350 mm           |
| Width   | 820 mm          | 940 mm            | 1160 mm           |
| Jaw width   | 340 mm          | 390 mm            | 420 mm            |
| Oil delivery  | 150 ÷ 200 l/min | 150 ÷ 200 l/min   | 180 ÷ 220 l/min   |
| Maximum working pressure  | 320 bars        | 350 bars          | 350 bars          |
| Maximum clamping force at tip                                   | 35 tons         | 46 tons           | 65 tons           |
| Maximum clamping force at shears                                | 110 tons        | 150 tons          | 215 tons          |
| Shear length  | 100 mm          | 180 mm            | 240 mm            |
| Max cutting diameter  | 35 mm           | 35 mm             | 40 mm             |
| Closure time (no-load, at 200 l/min)                            | *1,7 s          | *1,9 s            | *3 s              |
| Opening time (no-load, at 200 l/min)                            | 1 s             | 1 s               | 1,8 s             |
| Hydraulic connections   | 3/4"            | 1"                | 1"                |
| Oil delivery for rotation                                       | 10 ÷ 15 l/min   | 12 ÷ 20 l/min     | 16 ÷ 25 l/min     |
| Pressure regulated for rotation                                 | 80 bars         | 80 bars           | 80 bars           |
| Connections for hydraulic rotation                              | 3/8"            | 1/2"              | 1/2"              |
| Rotation speed  | 8 rpm           | 10 rpm            | 10 rpm            |
| Compatibility of attachment plate with breaker mounting bracket | HP 1200         | HP 2000 - HP 2500 | HP 3000 ÷ HP 4000 |

\*without regeneration valve

Suggested uses on machines with an overall weight (tons):

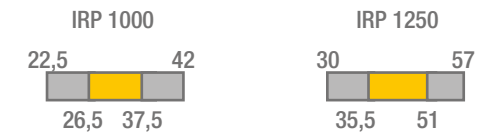


■ BEST ■ POSSIBLE (match subject to approval by the nearest Indeco dealer)



| Technical data  | IRP 1000          | IRP 1250          |
|---|-------------------|-------------------|
| Excavator weight  | 22,5 ÷ 42 tons    | 30 ÷ 57 tons      |
| Pulverizer weight   | 2400 Kg           | 3400 Kg           |
| Jaw opening   | 810 mm            | 910 mm            |
| Height  | 2700 mm           | 3000 mm           |
| Width   | 1290 mm           | 1600 mm           |
| Jaw width   | 460 mm            | 510 mm            |
| Oil delivery  | 180 ÷ 250 l/min   | 180 ÷ 260 l/min   |
| Maximum working pressure  | 350 bars          | 350 bars          |
| Maximum clamping force at tip                                   | 87 tons           | 100 tons          |
| Maximum clamping force at shears                                | 240 tons          | 270 tons          |
| Shear length  | 240 mm            | 240 mm            |
| Max cutting diameter  | 45 mm             | 45 mm             |
| Closure time (no-load, at 200 l/min)                            | 2,3 s             | 3 s               |
| Opening time (no-load, at 200 l/min)                            | 2,4 s             | 3,5 s             |
| Hydraulic connections   | 1 1/4"            | 1 1/4"            |
| Oil delivery for rotation                                       | 16 ÷ 25 l/min     | 16 ÷ 25 l/min     |
| Pressure regulated for rotation                                 | 90 bars           | 90 bars           |
| Connections for hydraulic rotation                              | 1 1/4"            | 1 1/4"            |
| Rotation speed  | 10 rpm            | 10 rpm            |
| Compatibility of attachment plate with breaker mounting bracket | HP 7000 - HP 9000 | HP 7000 - HP 9000 |

Suggested uses on machines with an overall weight (tons):

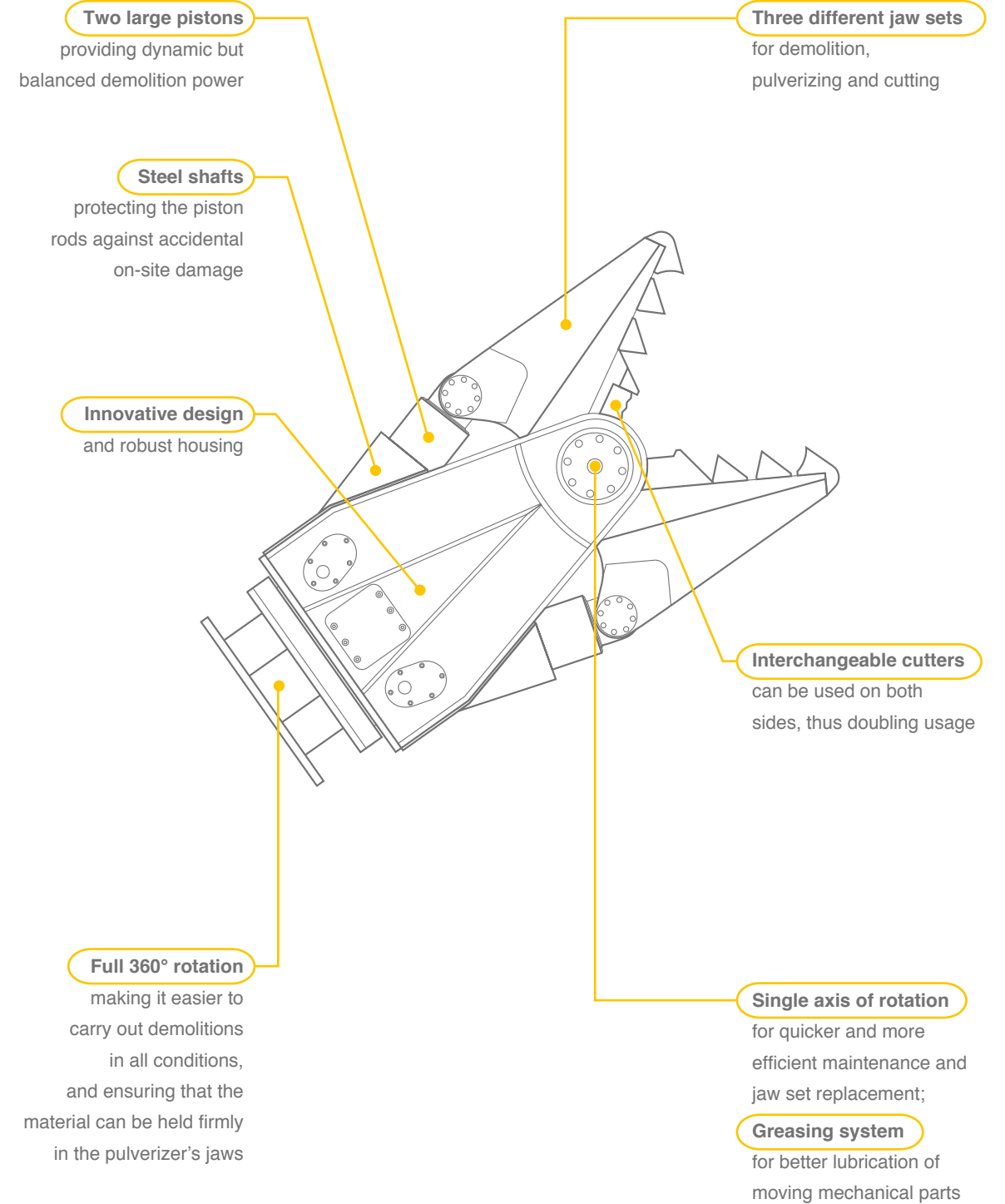


■ BEST ■ POSSIBLE (match subject to approval by the nearest Indeco dealer)

compatibility



# Indeco "Multi"





| Technical data  | MULTI 750         | MULTI 850         |
|---|-------------------|-------------------|
| Excavator weight  | 16 ÷ 29 tons      | 21,5 ÷ 40 tons    |
| Width   | 480 mm            | 490 mm            |
| Oil delivery to cylinders                                       | 180 ÷ 250 l/min   | 180 ÷ 250 l/min   |
| Maximum pressure at cylinders                                   | 350 bars          | 350 bars          |
| Closure time (no-load)  | 2,4 ÷ 3,4 s       | 3,5 ÷ 4,8 s       |
| Opening time (no-load)  | 1,2 ÷ 1,7 s       | 1,7 ÷ 2,4 s       |
| Hydraulic connections for cylinders                             | 1"                | 1"                |
| Oil delivery for rotation                                       | 16 ÷ 25 l/min     | 16 ÷ 25 l/min     |
| Pressure regulated for rotation                                 | 80 bars           | 80 bars           |
| Rotation speed  | 10 rpm            | 10 rpm            |
| Hydraulic connections for rotation                              | 3/4"              | 3/4"              |
| Compatibility of attachment plate with breaker mounting bracket | HP 2000 - HP 2500 | HP 3000 ÷ HP 4000 |



| Technical data  | MULTI 1000        |
|---|-------------------|
| Excavator weight  | 35 ÷ 65 tons      |
| Width   | 640 mm            |
| Oil delivery to cylinders                                       | 250 ÷ 300 l/min   |
| Maximum pressure at cylinders                                   | 350 bars          |
| Closure time (no-load)  | 5,0 ÷ 6,0 s       |
| Opening time (no-load)  | 2,5 ÷ 3,0 s       |
| Hydraulic connections for cylinders                             | 1"                |
| Oil delivery for rotation                                       | 16 ÷ 25 l/min     |
| Pressure regulated for rotation                                 | 90 bars           |
| Rotation speed  | 10 rpm            |
| Hydraulic connections for rotation                              | 1/2"              |
| Compatibility of attachment plate with breaker mounting bracket | HP 7000 - HP 9000 |

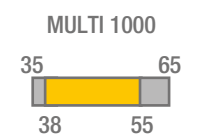
## compatibility

Suggested uses on machines with an overall weight (tons):



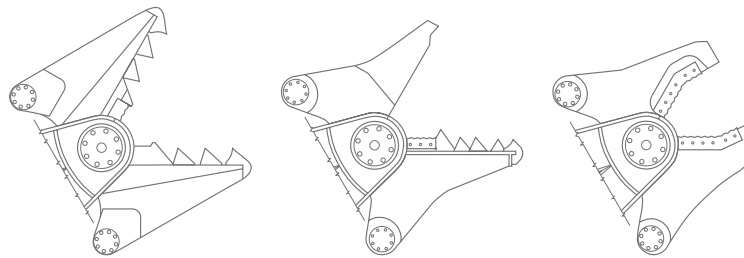
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Suggested uses on machines with an overall weight (tons):



■ BEST
 ■ POSSIBLE (match subject to approval by the nearest Indeco dealer)





Profiles and maximum dimensions that can be cut with the MULTI in "SHEAR" configuration

| Jaws for the MULTI 750                        | CRUSHER  | PULVERIZER | SHEAR    |
|---|----------|------------|----------|
| Equipment weight (excluding mounting bracket) | 1600 Kg  | 1600 Kg    | 1750 Kg  |
| Equipment weight (including mounting bracket) | 1850 kg  | 1850 Kg    | 2000 Kg  |
| Height  | 2024 mm  | 2024 mm    | 2050 mm  |
| Maximum opening                               | 730 mm   | 750 mm     | 425 mm   |
| Jaw depth                                     | 560 mm   | 580 mm     | 470 mm   |
| Cutter blade length                           | 180 mm   | 180 mm     | 490 mm   |
| Max clamping force at tip                     | 50 tons  | 45 tons    | 50 tons  |
| Max clamping force at shears                  | 200 tons | 200 tons   | 140 tons |

| Shear for the MULTI 750 |            | Shear for the MULTI 750 |                               |
|-------------------------|------------|-------------------------|-------------------------------|
| Type                    | UNI        | Type                    | UNI                           |
|                         | UPN 120    |                         | HEA 100                       |
|                         | 110x110x10 |                         | min 230x6 mm<br>max 140x10 mm |
|                         | 101,6x6,3  |                         | 40 mm                         |
|                         | IPE 140    |                         |                               |

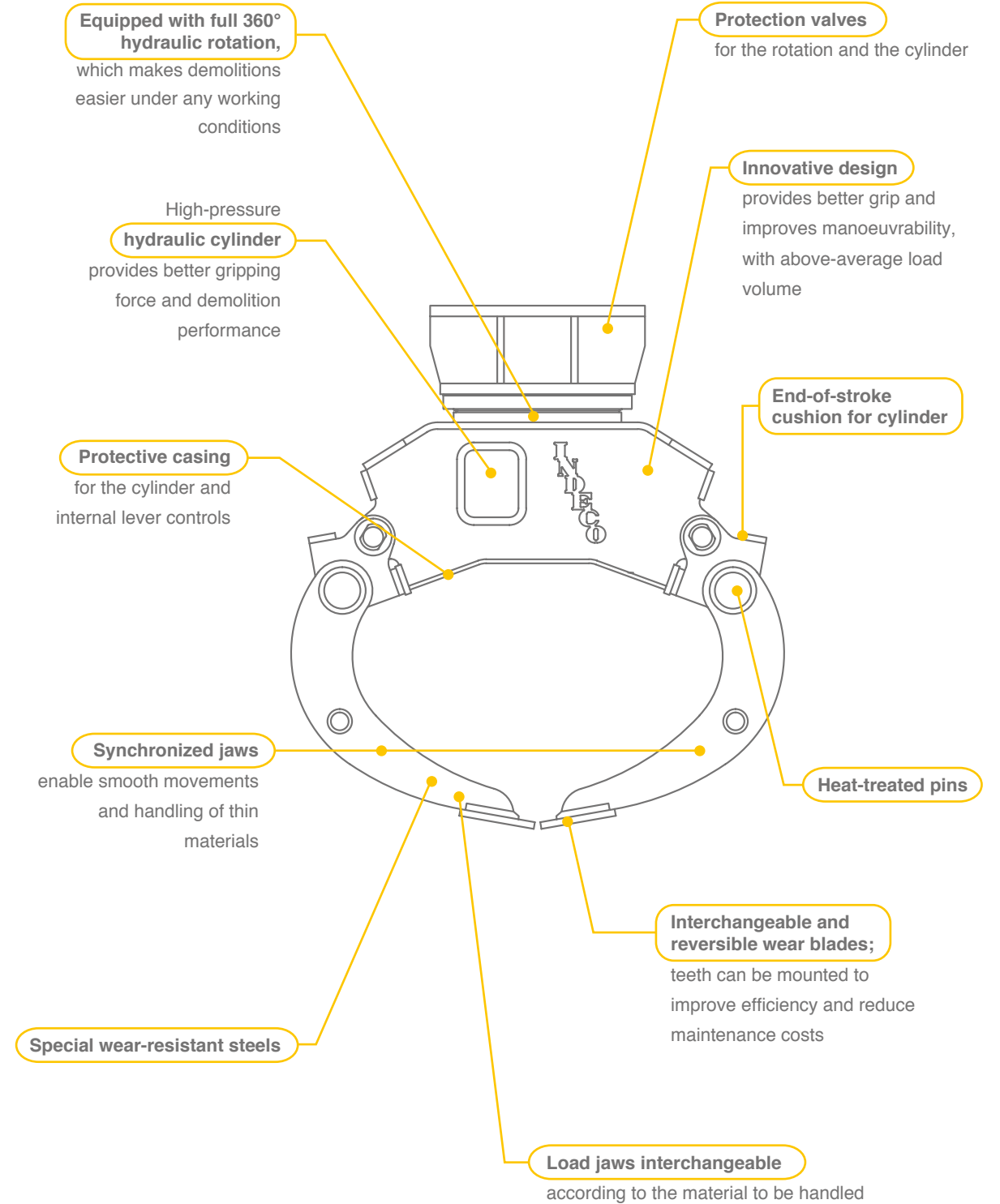
| Jaws for the MULTI 850                        | CRUSHER  | PULVERIZER | SHEAR    |
|---|----------|------------|----------|
| Equipment weight (excluding mounting bracket) | 2050 Kg  | 1950 Kg    | 2380 Kg  |
| Equipment weight (including mounting bracket) | 2400 kg  | 2300 Kg    | 2780 Kg  |
| Height  | 2200 mm  | 2230 mm    | 2270 mm  |
| Maximum opening                               | 805 mm   | 800 mm     | 490 mm   |
| Jaw depth                                     | 580 mm   | 625 mm     | 530 mm   |
| Cutter blade length                           | 180 mm   | 180 mm     | 600 mm   |
| Max clamping force at tip                     | 80 tons  | 75 tons    | 70 tons  |
| Max clamping force at shears                  | 250 tons | 250 tons   | 200 tons |

| Shear for the MULTI 850 |            | Shear for the MULTI 850 |                               |
|-------------------------|------------|-------------------------|-------------------------------|
| Type                    | UNI        | Type                    | UNI                           |
|                         | UPN 160    |                         | HEA 120                       |
|                         | 120x120x12 |                         | min 450x6 mm<br>max 180x10 mm |
|                         | 114,3x8    |                         | 50 mm                         |
|                         | IPE 180    |                         |                               |

| Jaws for the MULTI 1000                       | CRUSHER  | PULVERIZER | SHEAR    |
|---|----------|------------|----------|
| Equipment weight (excluding mounting bracket) | 4000 Kg  | 4000 Kg    | 4300 Kg  |
| Equipment weight (including mounting bracket) | 4400 kg  | 4400 Kg    | 4700 Kg  |
| Height  | 2640 mm  | 2700 mm    | 2700 mm  |
| Maximum opening                               | 1000 mm  | 1000 mm    | 580 mm   |
| Jaw depth                                     | 750 mm   | 750 mm     | 640 mm   |
| Cutter blade length                           | 180 mm   | 180 mm     | 720 mm   |
| Max clamping force at tip                     | 105 tons | 105 tons   | 115 tons |
| Max clamping force at shears                  | 350 tons | 350 tons   | 250 tons |

| Shear for the MULTI 1000 |            | Shear for the MULTI 1000 |                               |
|--------------------------|------------|--------------------------|-------------------------------|
| Type                     | UNI        | Type                     | UNI                           |
|                          | UPN 180    |                          | HEA 140                       |
|                          | 130x130x12 |                          | min 580x6 mm<br>max 230x15 mm |
|                          | 121x10     |                          | 60 mm                         |
|                          | IPE 200    |                          |                               |

# IDG demolition sorting grab







| Technical data  | IDG 300  | IDG 500          | IDG 1000           |
|---|----------|------------------|--------------------|
| Equipment weight (excluding mounting bracket)                   | 300 Kg   | 500 Kg           | 1000 Kg            |
| Maximum working pressure  | 300 bars | 300 bars         | 300 bars           |
| Maximum oil delivery  | 30 l/min | 50 l/min         | 70 l/min           |
| Maximum rotation pressure                                       | 100 bars | 100 bars         | 100 bars           |
| Maximum rotation oil flow                                       | 10 l/min | 10 l/min         | 20 l/min           |
| Maximum force at blade  | 2100 kg  | 3000 kg          | 4600 kg            |
| Maximum opening   | 1500 mm  | 1700 mm          | 2200 mm            |
| Load capacity   | 170 l    | 280 l            | 550 l              |
| Jaw width   | 600 mm   | 700 mm           | 900 mm             |
| Closure time (no-load)  | 1,5 s    | 1,5 s            | 1,5 s              |
| Opening time (no-load)  | 2 s      | 2 s              | 2 s                |
| Compatibility of attachment plate with breaker mounting bracket | HP 600   | HP 700<br>HP 900 | HP 2000<br>HP 2500 |



| Technical data  | IDG 1500           | IDG 2000                      | IDG 2500                      |
|---|--------------------|-------------------------------|-------------------------------|
| Equipment weight (excluding mounting bracket)                   | 1500 Kg            | 2000 Kg                       | 2500 Kg                       |
| Maximum working pressure  | 320 bars           | 350 bars                      | 350 bars                      |
| Maximum oil delivery  | 80 l/min           | 130 l/min                     | 160 l/min                     |
| Maximum rotation pressure                                       | 110 bars           | 110 bars                      | 110 bars                      |
| Maximum rotation oil flow                                       | 20 l/min           | 30 l/min                      | 30 l/min                      |
| Maximum force at blade  | 6000 kg            | 8000 kg                       | 9000 kg                       |
| Maximum opening   | 2500 mm            | 2700 mm                       | 3000 mm                       |
| Load capacity   | 800 l              | 1200 l                        | 1500 l                        |
| Jaw width   | 1000 mm            | 1100 mm                       | 1200 mm                       |
| Closure time (no-load)  | 2 s                | 2 s                           | 2 s                           |
| Opening time (no-load)  | 3 s                | 3 s                           | 3 s                           |
| Compatibility of attachment plate with breaker mounting bracket | HP 2000<br>HP 2500 | HP 3000<br>HP 3500<br>HP 4000 | HP 3000<br>HP 3500<br>HP 4000 |

## compatibility

Suggested uses on machines with an overall weight (tons):



Suggested uses on machines with an overall weight (tons):



## accessories

### Mounting brackets

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



### Connecting hoses

We recommend using original Indeco high- and low-pressure hoses to connect various tools to the hydraulic system on the carrier.



### Quick change teeth - IDG

Teeth with quick-change inserts are available upon request. Easy to replace during maintenance, they are ideal for use in quarries, where the equipment is subject to consistently high levels of wear and tear.



## Indeco in the world

Indeco has now been one of the top names in the demolitions technology world for several years. This success is without doubt due to the excellent quality of our products, but also to 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.

## planned maintenance

As a further service, Indeco offers its customers a maintenance programme contract, which has a number of advantages:

- prevention of most repairs;
- a replacement product will be provided if the repair is estimated to take more than 48/72 hours;
- increased long-term reliability;
- maintenance costs are fixed and can therefore be budgeted more easily;
- product lifetime is even longer, with high second-hand values.



## The full range of Indeco complementary demolition products

| Products    | Weight |    | Products    | Weight |    |
|-------------|--------|----|-------------|--------|----|
| IFP 400     | 550    | kg | IHC R 50    | 340    | kg |
| IFP 1000    | 1700   | kg | IHC R 70    | 545    | kg |
| IFP 1250    | 2500   | kg | IHC R 75    | 585    | kg |
| IFP 1350    | 3300   | kg | IHC R 150   | 985    | kg |
| IRP 500     | 900    | kg | IHC R 250   | 1320   | kg |
| IRP 750     | 1300   | kg | IDG 300     | 300    | kg |
| IRP 850     | 1750   | kg | IDG 500     | 500    | kg |
| IRP 1000    | 2400   | kg | IDG 1000    | 1000   | kg |
| IRP 1250    | 3400   | kg | IDG 1500    | 1500   | kg |
| MULTI* 750  | 1600   | kg | IDG 2000    | 2000   | kg |
| MULTI* 850  | 2050   | kg | IDG 2500    | 2500   | kg |
| MULTI* 1000 | 4000   | kg | ISS** 10/20 | 2400   | kg |
| IHC 50      | 177    | kg | ISS** 20/30 | 3650   | kg |
| IHC 70      | 360    | kg | ISS** 25/40 | 4800   | kg |
| IHC 75      | 400    | kg | ISS** 30/50 | 6100   | kg |
| IHC 150     | 800    | kg | ISS** 35/60 | 7800   | kg |
| IHC 250     | 1000   | kg | ISS** 45/90 | 10400  | kg |

\*in crusher configuration

\*\*in stick configuration

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