



 **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.

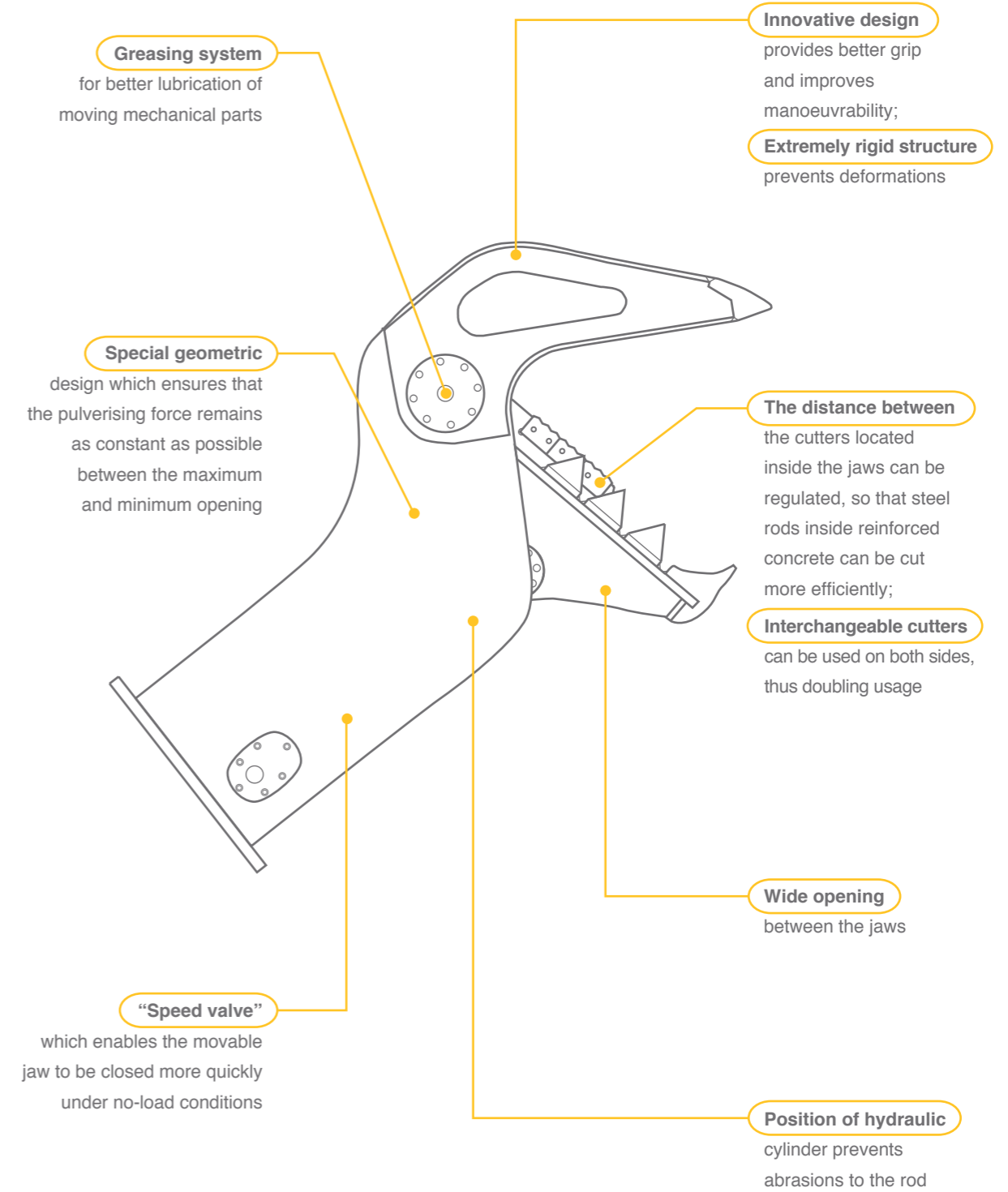
The Multisystem provides a viable solution for

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 sec	2,3 sec
Opening time (no-load, at 200 l/min)	0,8 sec	2,4 sec
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 sec	2,3 sec
Opening time (no-load, at 200 l/min)	3,5 sec	2,5 sec
Hydraulic connections	1 1/4"	1 1/4"
Compatibility of attachment plate with breaker mounting bracket	HP 7000 - 9000	HP 7000 - 9000

compatibility

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



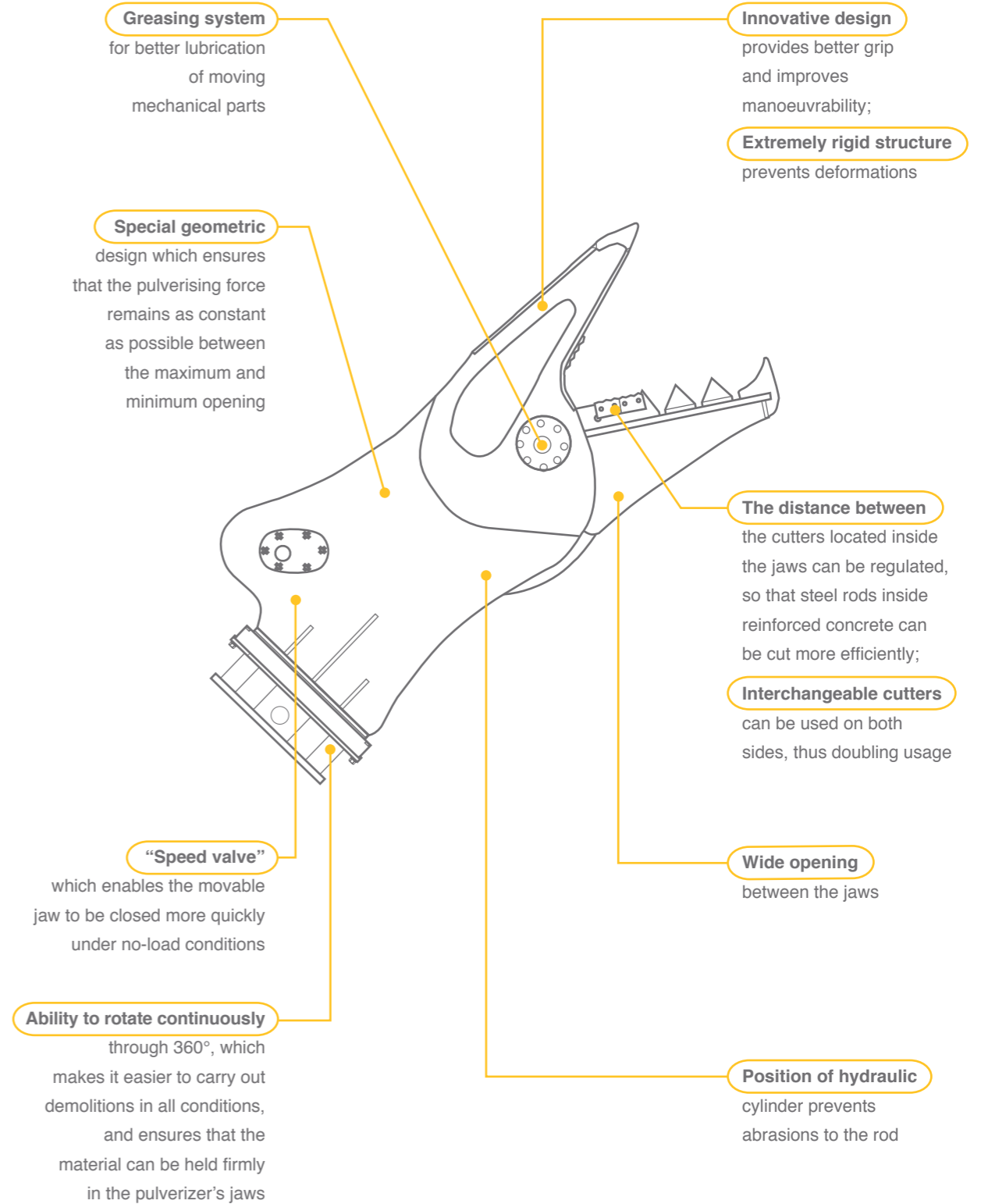
■ BEST ■ POSSIBLE (match subject to approval by the nearest Indeco dealer)

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



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

Indeco IRP rotating pulverizers

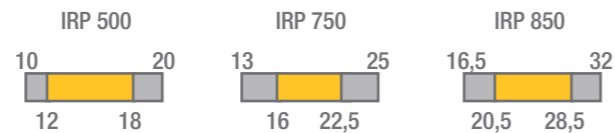




Technical data	IRP 500	IRP 750	IRP 850
Excavator weight	10 ÷ 20 tons	13 ÷ 25 tons	16,5 ÷ 32 tons
Pulverizer weight	900 Kg	1300 Kg	1750 Kg
Jaw opening	560 mm	620 mm	725 mm
Height	1860 mm	2160 mm	2350 mm
Width	820 mm	940 mm	1160 mm
Jaw width	340 mm	390 mm	420 mm
Oil delivery	150 ÷ 200 l/min	150 ÷ 200 l/min	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 sec	*1,9 sec	*3 sec
Opening time (no-load, at 200 l/min)	1 sec	1 sec	1,8 sec
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	1/4"	1/2"	1/2"
Rotation speed	8 rpm	10 rpm	10 rpm
Compatibility of attachment plate with breaker mounting bracket	HP 1200	HP 2000 - 2500	HP 3000 ÷ 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 sec	3 sec
Opening time (no-load, at 200 l/min)	2,4 sec	3,5 sec
Hydraulic connections	1"	1"
Oil delivery for rotation	16 ÷ 25 l/min	16 ÷ 25 l/min
Pressure regulated for rotation	90 bars	90 bars
Connections for hydraulic rotation	1/2"	1/2"
Rotation speed	10 rpm	10 rpm
Compatibility of attachment plate with breaker mounting bracket	HP 7000 - 9000	HP 7000 - 9000

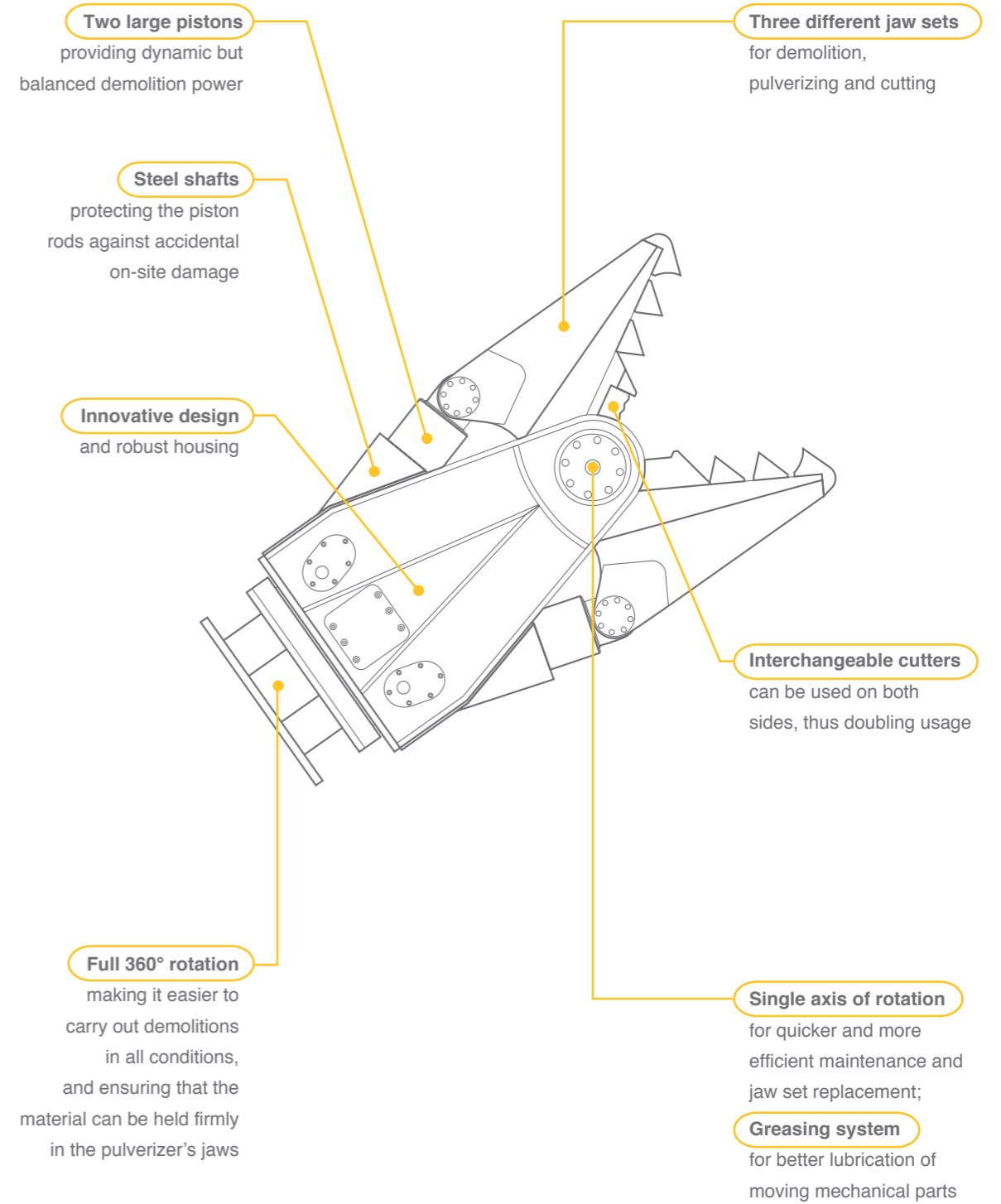
Suggested uses on machines with an overall weight (tons):



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

compatibility

Indeco "Multi"





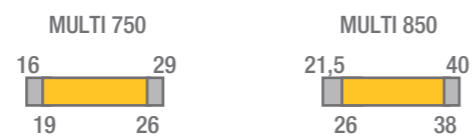
Technical data	MULTI 750	MULTI 850
Excavator weight	16 ÷ 29 tons	21,5 ÷ 40 tons
Width	480 mm	490 mm
Oil delivery to cylinders	180 ÷ 250 l/min	180 ÷ 250 l/min
Maximum pressure at cylinders	350 bars	350 bars
Closure time (no-load)	2,4 ÷ 3,4 sec	3,5 ÷ 4,8 sec
Opening time (no-load)	1,2 ÷ 1,7 sec	1,7 ÷ 2,4 sec
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	1/2"	1/2"
Compatibility of attachment plate with breaker mounting bracket	HP 2000 - 2500	HP 3000 ÷ 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 sec
Opening time (no-load)	2,5 ÷ 3,0 sec
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 - 9000

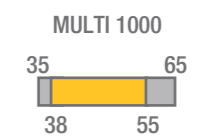
compatibility

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

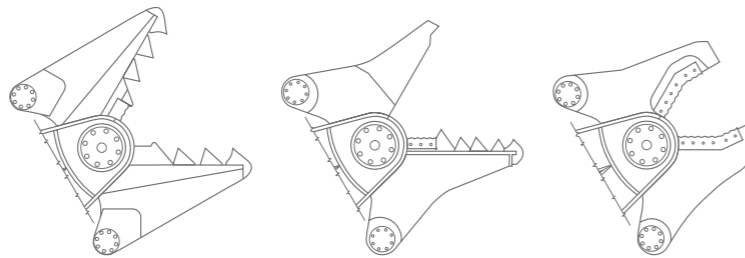


■ BEST
 ■ POSSIBLE (match subject to approval by the nearest Indeco dealer)

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



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



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 max 140x10 mm
	101,6x6,3		40 mm
	IPE 140		

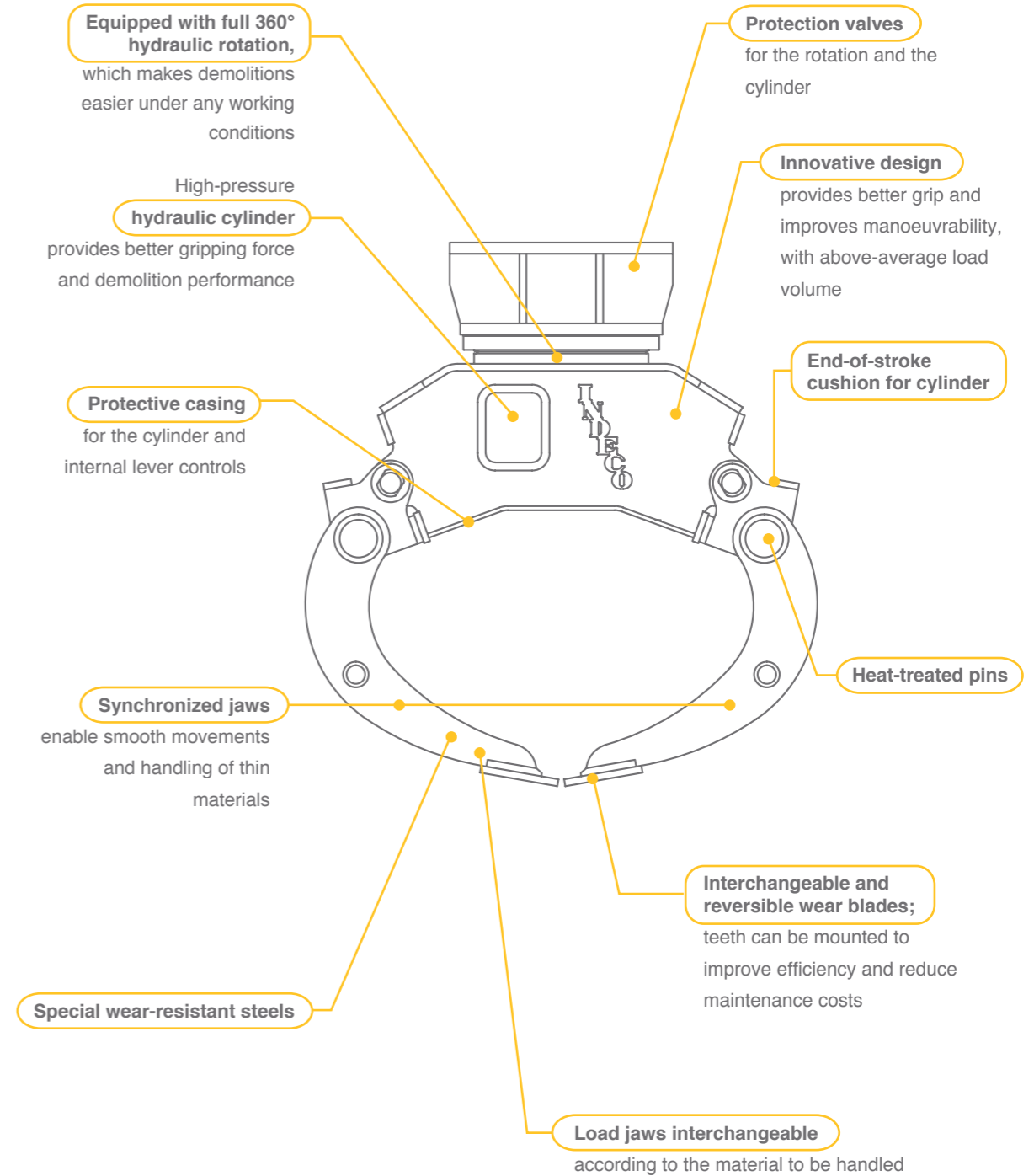
Jaws for the MULTI 850	CRUSHER	PULVERIZER	SHEAR
Equipment weight (excluding mounting bracket)	2050 Kg	1950 Kg	2380 Kg
Equipment weight (including mounting bracket)	2400 Kg	2300 Kg	2780 Kg
Height	2200 mm	2230 mm	2270 mm
Maximum opening	805 mm	800 mm	490 mm
Jaw depth	580 mm	625 mm	530 mm
Cutter blade length	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 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 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	80 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 sec	1,5 sec	1,5 sec
Opening time (no-load)	2 sec	2 sec	2 sec
Compatibility of attachment plate with breaker mounting bracket	HP 600	HP 700 - 900	HP 1800



Technical data	IDG 1500	IDG 2000	IDG 2500
Equipment weight (excluding mounting bracket)	1500 Kg	2000 Kg	2500 Kg
Maximum working pressure	320 bars	320 bars	350 bars
Maximum oil delivery	80 l/min	100 l/min	120 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 sec	2 sec	2 sec
Opening time (no-load)	3 sec	3 sec	3 sec
Compatibility of attachment plate with breaker mounting bracket	HP 2500	HP 3000	HP 4000

compatibility

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



Suggested uses on machines with an overall weight (in 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	880 kg
IFP 1000	1700 kg	IHC R 75	930 kg
IFP 1250	2500 kg	IHC R 150	1086 kg
IFP 1350	3300 kg	IHC R 250	1106 kg
IRP 500	900 kg	IDG 300	300 kg
IRP 750	1300 kg	IDG 500	500 kg
IRP 850	1750 kg	IDG 1000	1000 kg
IRP 1000	2400 kg	IDG 1500	1500 kg
IRP 1250	3400 kg	IDG 2000	2000 kg
MULTI 750	1600 kg	IDG 2500	2500 kg
MULTI 850	2050 kg	ISS 10/20	1800 kg
MULTI 1000	4000 kg	ISS 20/30	3200 kg
IHC 50	177 kg	ISS 25/40	4500 kg
IHC 75	400 kg	ISS 30/50	5400 kg
IHC 150	800 kg	ISS 35/60	6950 kg
IHC 250	1000 kg	ISS 45/90	9300 kg

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