



 **INDECO**  
YOUR PARTNERS IN DEMOLITION

IFP and IRP pulverizers  
MULTI multifunctional  
IHC compactors

# the new Indeco products

Exploiting the best in 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 has 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, providing better grip and making 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 also regulate 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 demolition 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.

## The Indeco compactor

The new line of Indeco compactors has been created to combine high compaction with fast turnaround times. Compactors efficiently replace traditional hand-held equipment, thus reducing accident risk. In slope applications, these machines eliminate self-propelled rollers and the risk of rollover. Compaction is achieved by taking a thick steel baseplate and applying both the dynamic forces of a hydraulically-driven vibration system and the static weight of an excavator or backhoe boom. Of course, the dynamic forces have to be powerful enough to vibrate the steel baseplate. To enable this to happen, Indeco compactors (mounted straight onto the carrier boom) are hydraulically driven with an oil-bath bearing system. This hydraulic system gives a balanced design of compaction force and vibration speed, so as to achieve the depth penetration needed to reduce air voids and move more material faster.

# 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. Pulverizers, in particular, are perfect not only for the primary demolition of buildings, but also for the secondary demolition of reinforced concrete materials on the ground, after separating the concrete from the steel rods and other metal and non-metal structures. The Multi multifunctional tool in demolition crusher configuration is used for the same type of work as a hydraulic crusher - primary demolition on heavily reinforced concrete materials, columns, flooring and beams, and the main structure of buildings; in pulverizer configuration, it has the

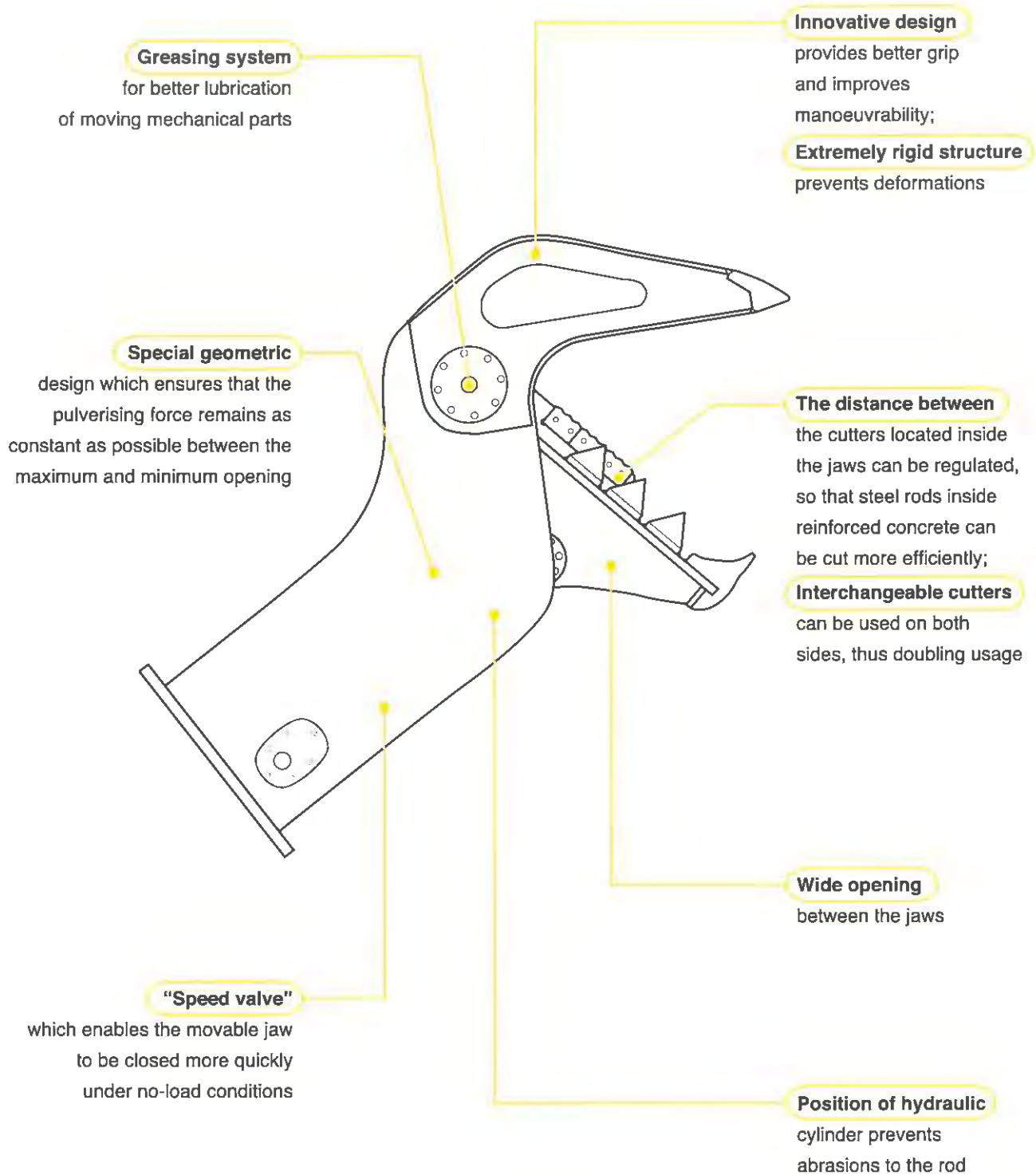
same functions as the rotating pulverizer, for primary demolition of building materials, concrete products and for separating and recycling materials; while the shear jaw set is used for cutting metal structures, steel rods and girders. Finally, the hydraulic compactor provides excellent compaction performance, efficiently replacing traditional hand-held equipment. As well as compacting backfill for trenches, Indeco compactors are also extremely effective around foundations or close to other obstacles. They also compact embankments or other steep slope applications.

These machines, which are perfect for working on granular, cohesive and semi-cohesive soils, have also proven effective on pile-driving jobs.



# Indeco IFP fixed pulverizers





**Greasing system**

for better lubrication of moving mechanical parts

**Innovative design**

provides better grip and improves manoeuvrability;

**Extremely rigid structure**

prevents deformations

**Special geometric**

design which ensures that the pulverising force remains as constant as possible between the maximum and minimum opening

**The distance between**

the cutters located inside the jaws can be regulated, so that steel rods inside reinforced concrete can be cut more efficiently;

**Interchangeable cutters**

can be used on both sides, thus doubling usage

**Wide opening**

between the jaws

**"Speed valve"**

which enables the movable jaw to be closed more quickly under no-load conditions

**Position of hydraulic**

cylinder prevents abrasions to the rod



Technical data

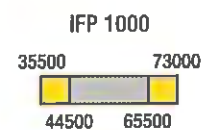
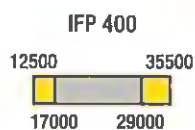
IFP 400

IFP 1000

Excavator weight	lb 12500 ÷ 35500	lb 35500 ÷ 73000
Pulverizer weight	lb 1300	lb 3800
Jaw opening (max)	in 20.70	in 31.90
Height	in 55.15	in 77.20
Width	in 51.20	in 71.25
Jaw width	in 13.00	in 18.15
Hydraulic flow	gpm 22 ÷ 32	gpm 48 ÷ 59
Maximum working pressure	psi 3650	psi 5100
Maximum force at tip	lb 80000	lb 195000
Maximum force at cutters	lb 245000	lb 535000
Length of cutters	in 3.95	in 9.45
Max cutting diameter	in 1.40	in 1.80
Closure time (no-load, at 53 gpm)	*sec 1.7	sec 2.3
Opening time (no-load, at 53 gpm)	sec 0.8	sec 2.4
Compatibility of attachment plate with breaker mounting bracket	HP 1500	-

\*without regeneration valve

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



■ BEST

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



Technical data

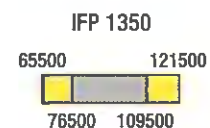
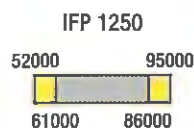
IFP 1250

IFP 1350

Excavator weight	lb 52000 ÷ 95000	lb 65500 ÷ 121500
Pulverizer weight	lb 5600	lb 7300
Jaw opening (max)	in 35.85	in 39.80
Height	in 97.65	in 98.45
Width	in 80.35	in 81.15
Jaw width	in 20.10	in 21.70
Hydraulic flow	gpm 48 ÷ 67	gpm 48 ÷ 69
Maximum working pressure	psi 5100	psi 5100
Maximum force at tip	lb 225000	lb 245000
Maximum force at cutters	lb 600000	lb 655000
Length of cutters	in 9.45	in 14.20
Max cutting diameter	in 2.00	in 2.00
Closure time (no-load, at 53 gpm)	sec 3.0	sec 2.3
Opening time (no-load, at 53 gpm)	sec 3.5	sec 2.5
Compatibility of attachment plate with breaker mounting bracket	HP 12001 - HP 13001	HP 12001 - HP 13001

## compatibility

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



■ BEST

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

# Indeco IRP rotating pulverizers

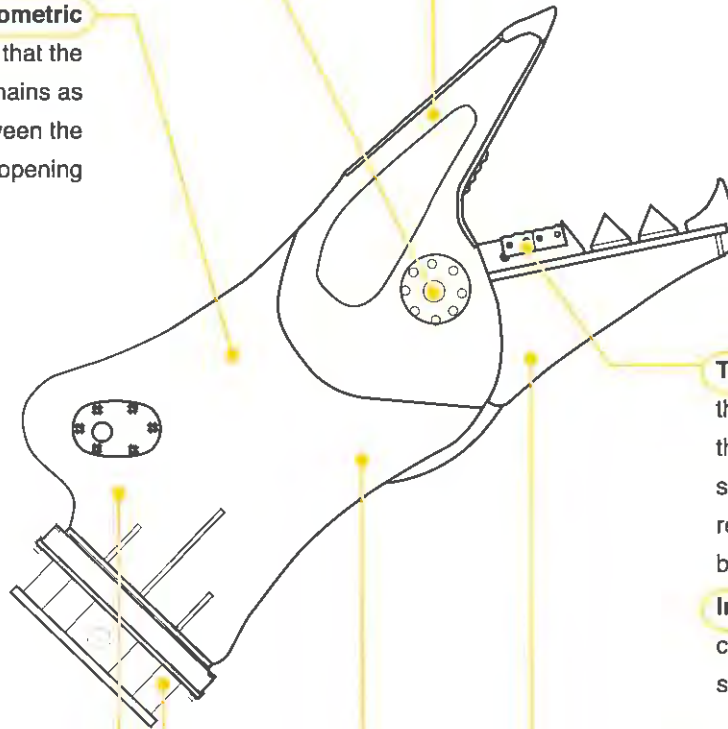


**Greasing system**  
for better lubrication  
of moving mechanical parts

**Special geometric**  
design which ensures that the  
pulverising force remains as  
constant as possible between the  
maximum and minimum opening

**Innovative design**  
provides better grip  
and improves  
manoeuvrability;

**Extremely rigid structure**  
prevents deformations



**The distance between**  
the cutters located inside  
the jaws can be regulated,  
so that steel rods inside  
reinforced concrete can  
be cut more efficiently;

**Interchangeable cutters**  
can be used on both  
sides, thus doubling usage

**"Speed valve"**  
which enables the movable jaw  
to be closed more quickly  
under no-load conditions

**Ability to rotate continuously**  
through 360°, which makes it easier  
to carry out demolitions in all  
conditions, and ensures that the  
material can be held firmly  
in the pulverizer's jaws

**Wide opening**  
between the jaws

**Position of hydraulic**  
cylinder prevents  
abrasions to the rod



Technical data	IRP 500	IRP 750	IRP 850
Excavator weight	lb 22500 ÷ 44500	lb 29000 ÷ 55500	lb 36500 ÷ 71000
Pulverizer weight	lb 2000	lb 2900	lb 3900
Jaw opening (max)	in 22.05	in 24.45	in 28.55
Height	in 73.25	in 85.05	in 92.55
Width	in 32.30	in 37.05	in 45.70
Jaw width	in 13.40	in 15.40	in 16.55
Hydraulic flow	gpm 40 ÷ 53	gpm 40 ÷ 53	gpm 48 ÷ 59
Maximum working pressure	psi 4650	psi 5100	psi 5100
Maximum force at tip	lb 80000	lb 105000	lb 145000
Maximum force at cutters	lb 245000	lb 335000	lb 475000
Length of cutters	in 3.95	in 7.10	in 9.45
Max cutting diameter	in 1.40	in 1.40	in 1.60
Closure time (no-load, at 53 gpm)	*sec 1.7	*sec 1.9	*sec 3.0
Opening time (no-load, at 53 gpm)	sec 1.0	sec 1.0	sec 1.8
Rotation hydraulic flow	gpm 3.0 ÷ 4.0	gpm 3.5 ÷ 5.5	gpm 5.0 ÷ 7.0
Pressure regulated for rotation	psi 1200	psi 2050	psi 2200
Rotation speed	rpm 8	rpm 10	rpm 10
Compatibility of attachment plate with breaker mounting bracket	HP 1500	HP 3000	HP 5000 ÷ 7500

\* without regeneration valve

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



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



Technical data	IRP 1000	IRP 1250
Excavator weight	lb 50000 ÷ 93000	lb 66500 ÷ 126000
Pulverizer weight	lb 5300	lb 7500
Jaw opening (max)	in 31.90	in 35.85
Height	in 106.30	in 118.15
Width	in 50.80	in 63.00
Jaw width	in 18.15	in 20.10
Hydraulic flow	gpm 48 ÷ 67	gpm 48 ÷ 69
Maximum working pressure	psi 5100	psi 5100
Maximum force at tip	lb 195000	lb 225000
Maximum force at cutters	lb 530000	lb 600000
Length of cutters	in 9.45	in 14.20
Max cutting diameter	in 1.80	in 1.80
Closure time (no-load, at 53 gpm)	sec 2.3	sec 3.0
Opening time (no-load, at 53 gpm)	sec 2.4	sec 3.5
Rotation hydraulic flow	gpm 5.0 ÷ 7.0	gpm 5.0 ÷ 7.0
Pressure regulated for rotation	psi 2200	psi 2200
Rotation speed	rpm 10	rpm 10
Compatibility of attachment plate with breaker mounting bracket	HP 12001 - HP 13001	HP 12001 - HP 13001

## compatibility

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

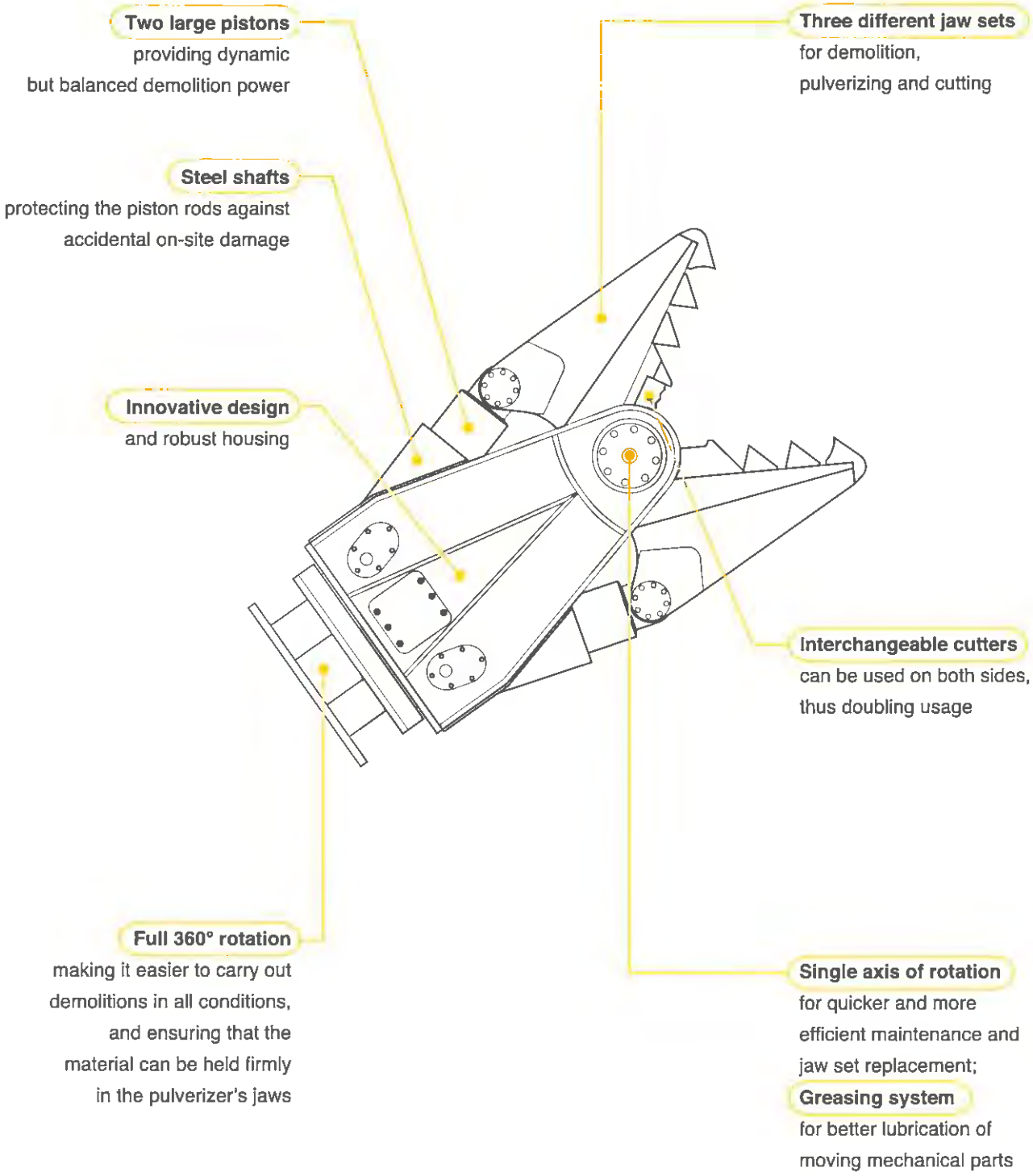


BEST
  POSSIBLE (match subject to approval by the nearest Indeco dealer)

# Indeco "Multi"

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**Two large pistons**

providing dynamic but balanced demolition power

**Steel shafts**

protecting the piston rods against accidental on-site damage

**Innovative design**

and robust housing

**Full 360° rotation**

making it easier to carry out demolitions in all conditions, and ensuring that the material can be held firmly in the pulverizer's jaws

**Three different jaw sets**

for demolition, pulverizing and cutting

**Interchangeable cutters**

can be used on both sides, thus doubling usage

**Single axis of rotation**

for quicker and more efficient maintenance and jaw set replacement;

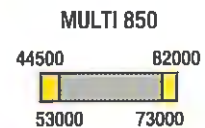
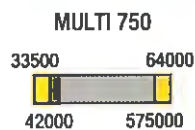
**Greasing system**

for better lubrication of moving mechanical parts



Technical data	MULTI 750	MULTI 850
Excavator weight	lb 35500 ÷ 64000	lb 44500 ÷ 82000
Width	in 18.90	in 19.30
Hydraulic flow to cylinders	gpm 48.0 ÷ 66.5	gpm 48.0 ÷ 66.5
Maximum pressure at cylinders	psi 5100	psi 5100
Closing time (no-load)	sec. 2.4 ÷ 3.4	sec. 3.5 ÷ 4.8
Opening time (no-load)	sec. 1.2 ÷ 1.7	sec. 1.7 ÷ 2.4
Hydraulic connections for cylinders	1"	1"
Rotation hydraulic flow	gpm 4.5 ÷ 7.0	gpm 4.5 ÷ 7.0
Pressure regulated for rotation	psi 2200	psi 2200
Rotation speed	rpm 10	rpm 10
Connection for hydraulic rotation	1/2"	1/2"
Compatibility of attachment plate with breaker mounting bracket	HP 3000	HP 5000 ÷ 7500

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



■ BEST

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



## Technical data

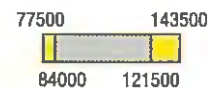
## MULTI 1000

Excavator weight	lb 77500 ÷ 143500
Width	in 25.20
Hydraulic flow to cylinders	gpm 66.5 ÷ 79.5
Maximum pressure at cylinders	psi 5100
Closing time (no-load)	sec. 5.0 ÷ 6.0
Opening time (no-load)	sec. 2.5 ÷ 3.0
Hydraulic connections for cylinders	1"
Rotation hydraulic flow	gpm 4.5 ÷ 7.0
Pressure regulated for rotation	psi 1350
Rotation speed	rpm 10
Connection for hydraulic rotation	1/2"
Compatibility of attachment plate with breaker mounting bracket	HP 12001 - HP 13001

## compatibility

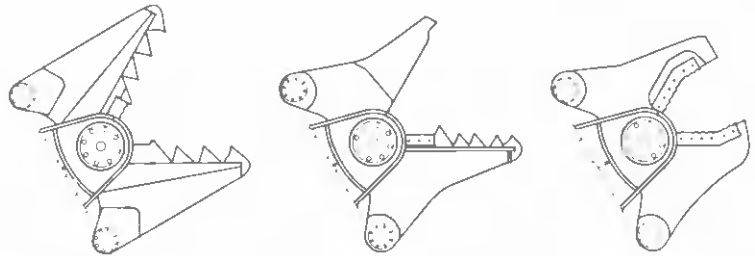
Suggested uses on machines with an overall weight (lb):

### MULTI 1000



■ BEST

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



### Jaws for the MULTI 750

	CRUSHER	PULVERIZER	SHEAR
Equipment weight (excluding mounting bracket)	lb 3530	lb 3530	lb 3860
Equipment weight (including mounting bracket)	lb 4080	lb 4070	lb 4400
Height	in 79.70	in 79.70	in 80.75
Maximum opening	in 28.75	in 29.55	in 16.75
Jaw depth	in 22.05	in 22.85	in 18.55
Cutter blade length	in 7.10	in 7.10	in 19.30
Max clamping force at tip	lb 111000	lb 100000	lb 111000
Max clamping force at shears	lb 441000	lb 441000	lb 309000

### Jaws for the MULTI 850






	CRUSHER	PULVERIZER	SHEAR
Equipment weight (excluding mounting bracket)	lb 4520	lb 4300	lb 4860
Equipment weight (including mounting bracket)	lb 5300	lb 5070	lb 5730
Height	in 86.65	in 87.80	in 90.20
Maximum opening	in 31.70	in 31.50	in 17.75
Jaw depth	in 22.85	in 24.65	in 22.45
Cutter blade length	in 7.10	in 7.10	in 28.35
Max clamping force at tip	lb 177000	lb 166000	lb 177000
Max clamping force at shears	lb 552000	lb 552000	lb 552000

### Jaws for the MULTI 1000




	CRUSHER	PULVERIZER	SHEAR
Equipment weight (excluding mounting bracket)	lb 8820	lb 8820	lb 9480
Equipment weight (including mounting bracket)	lb 9710	lb 9700	lb 10360
Height	in 103.95	in 106.30	in 106.30
Maximum opening	in 39.40	in 39.40	in 22.85
Jaw depth	in 29.55	in 29.55	in 25.20
Cutter blade length	in 7.10	in 7.10	in 28.35
Max clamping force at tip	lb 232000	lb 232000	lb 254000
Max clamping force at shears	lb 772000	lb 772000	lb 552000

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








Shear for the MULTI 750

Type	AISI	Type	AISI
	C4x7.25		W6x9
	L4x4x1/4		min. - in 0.25x9 max - in 0.375x5.5
	4x0.226		in 1.6
	S4x9.5		

Shear for the MULTI 850

Type	AISI	Type	AISI
	C7x14.75		W6x15
	L5x5x7/16		min. - in 0.25x16 max - in 0.625x6.5
	4.5x0.337		in 2.0
	S5x14.75		

Shear for the MULTI 1000

Type	AISI	Type	AISI
	C7x14.75		W6x25
	L5x5x1/2		min. - in 0.25x11 max - in 0.65x9.1
	4.8x0.4		in 2.4
	S7x15.3		



# 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.

## Platinum Warranty

Indeco North America offers an optional Platinum Warranty, which guarantees a breaker owner maximum productivity for a minimal up front purchase. The Platinum Warranty offers virtual "bumper-to-bumper" coverage for a period of twenty-four months.

## The full range of Indeco complementary demolition products

Products		Weight		Products		Weight	
IFP	400	lb	1300	IRP	1250	lb	7500
IFP	1000	lb	3800	MULTI	750	lb	3530
IFP	1250	lb	5600	MULTI	850	lb	4520
IFP	1350	lb	7300	MULTI	1000	lb	8820
IRP	500	lb	2000	IHC	50	lb	380
IRP	750	lb	2900	IHC	75	lb	910
IRP	850	lb	3900	IHC	150	lb	1580
IRP	1000	lb	5300	IHC	250	lb	2200

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