





Multiprocessor

IMP Series

 **INDECO**
A TOOL FOR EVERY JOB



Application areas

		IMP		
 <p>Demolition & Renovation</p>	Light demolition	<ul style="list-style-type: none"> Demolition of masonry structures Brickwork Natural stone Renovation of interiors Autoclaved aerated concrete 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	Demolition of non-reinforced concrete structures	<ul style="list-style-type: none"> Primary demolition of lightweight and standard concrete Primary demolition of heavyweight concrete Wall elements Secondary demolition 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	Composite steel & concrete structure demolition	<ul style="list-style-type: none"> 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 Cutting rebars and steel reinforcements 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	Demolition of metallic buildings and structures	<ul style="list-style-type: none"> Demolition of refineries Cutting of metal and steel structures Cutting steel girders/beams Cutting reinforcements 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	Sorting and loading	<ul style="list-style-type: none"> Sorting Loading Waste handling Site clean-up 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	Pavement demolition	<ul style="list-style-type: none"> Asphalt Concrete Composite surfaces 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
	 <p>Recycling</p>	Processing	<ul style="list-style-type: none"> Scrap material processing Cutting tires Processing rail cars Processing cars, trucks and general automotive Cutting tanks 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		Handling and sorting	<ul style="list-style-type: none"> Scrap material handling Scrap material sorting Urban waste Industrial waste Wood and tires 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		Downsizing and sorting	<ul style="list-style-type: none"> Material downsizing and sorting in recycling quarries 	<input type="checkbox"/>

Multiprocessor Indeco IMP

Designed to ensure maximum versatility, the Indeco IMP multiprocessor is the perfect solution for specialist or non-specialist firms who need a tool that can handle a variety of different jobsite situations in the demolition and recycling field. Different jawsets enable it to be used in the various crusher, pulverizer and shear configurations on the same carrier.

Made with the latest technologically advanced materials, such as special extra-strength HARDOX® steel alloys, which eliminate any flexing of the body, the Indeco IMP multiprocessor is designed to withstand high levels of pressure, wear and abrasion, and prolonged use regardless of jobsite conditions. Unique features such as the special design of the jaws, the tried and tested rotation mechanism (found on all Indeco rotating products) and interchangeable teeth on the mobile jaw in crusher and pulverizer configuration, help this product perform very well in all applications. In “shear” configuration, some of the unique features of the Indeco ISS shears have been incorporated, such as the cutting geometries, the blade configurations, and the exclusive piercing system.

The new Combi Cutter jaws are particularly well-suited for demolishing reinforced concrete structures, as the tip is equipped with two field-replaceable toothed plates, while extra-long blades in the rear make cutting the steel rods inside reinforced concrete even easier.



Full 360° hydraulic rotation, with a protection valve, makes it easier to carry out demolitions in all conditions, and ensures that the material can be held firmly in the jaws

Frame and jaws made with HARDOX®

Steel shafts protecting the piston rods against accidental on-site damage

Innovative design and robust housing

Two large pistons providing dynamic but balanced demolition power

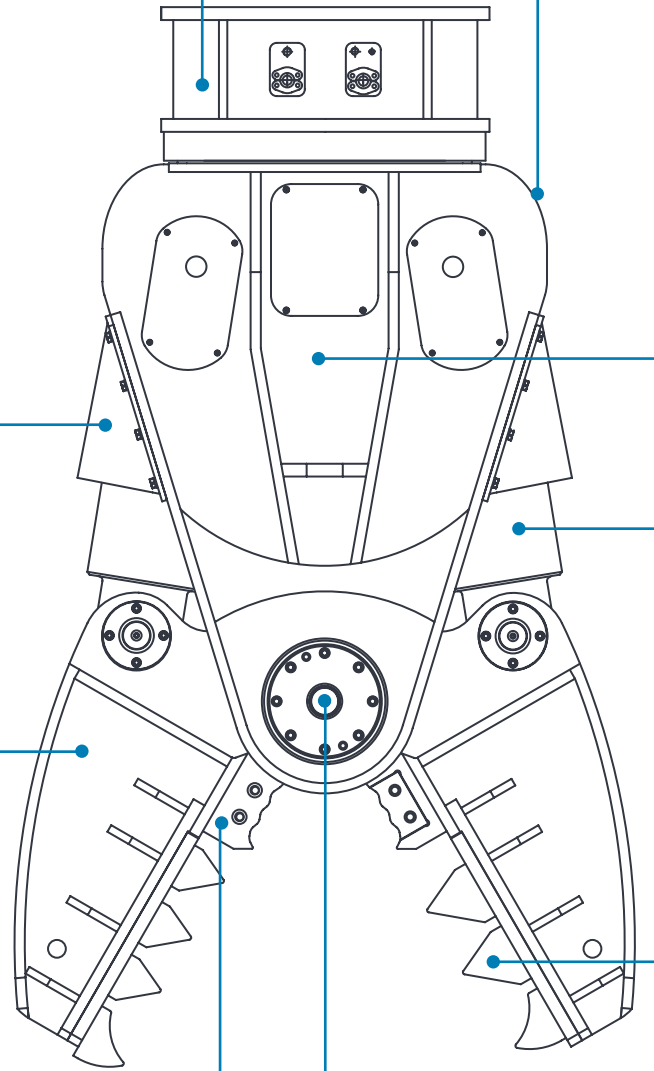
Four different jaw sets for demolition, pulverizing and cutting

Interchangeable teeth in crusher, pulverizer and Combi Cutter configurations

Both sides of the interchangeable cutters can be used, thus doubling usage time

Single axis of rotation for quicker and more efficient maintenance and jaw set replacement;

Greasing system for improved lubrication of moving mechanical parts





Technical Data	IMP 15	IMP 20	IMP 25
Type of carrier	4 5	4 5	4 5
Excavator weight*	26400 ÷ 52800 lbs	37400 ÷ 79200 lbs	44000 ÷ 99000 lbs
Width	17 in	19 in	19.5 in
Oil delivery	40 ÷ 66.5 gpm	48 ÷ 66.5 gpm	53 ÷ 79.5 gpm
Maximum pressure at cylinders	5100 psi	5100 psi	5100 psi
Closure time (no-load)	2 s	2.5 s	3 s
Opening time (no-load)	1 s	1.2 s	1.5 s
Hydraulic connections for cylinders	3/4"	3/4"	3/4"
Maximum rotation flow	5.5 gpm	7 gpm	7 gpm
Maximum rotation pressure	1600 psi	1600 psi	1600 psi
Hydraulic connections for rotation	1/2"	1/2"	1/2"
Mounting bracket compatibility	HP 3000 - HP 4000	HP 5000 ÷ HP 7500	HP 5000 ÷ HP 7500

Technical Data	IMP 35	IMP 45
Type of carrier	5	5
Excavator weight*	61600 ÷ 121000 lbs	83600 ÷ 143000 lbs
Width	23.5 in	25.5 in
Oil delivery	58.5 ÷ 85 gpm	71.5 ÷ 98 gpm
Maximum pressure at cylinders	5100 psi	5100 psi
Closure time (no-load)	4 s	4 s
Opening time (no-load)	2 s	2 s
Hydraulic connections for cylinders	1" 1/4	1" 1/4
Maximum rotation flow	8 gpm	8 gpm
Maximum rotation pressure	1600 psi	1600 psi
Hydraulic connections for rotation	1/2"	1/2"
Mounting bracket compatibility	HP 10000	HP 12000 - HP 14000

*The operating weight of the equipment includes mounting bracket compatible with Indeco construction standards. Any differences in weight may be due to a different mounting bracket configuration.

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.

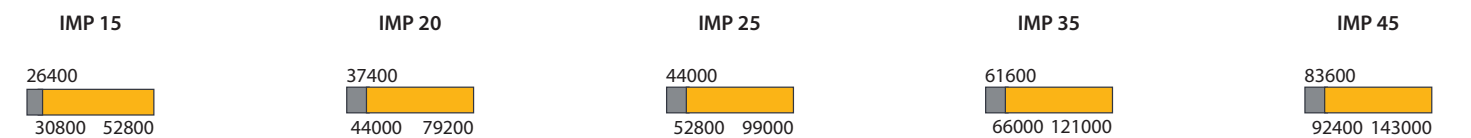
Carrier key



compatibility

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

Best Possible*



*match subject to approval by the Indeco dealer

Jaw technical data

Jaws for IMP 15	Crusher	Pulverizer	Shear	Combi Cutter
Operating weight*	3300 lbs	3300 lbs	3550 lbs	3550 lbs
Height	75 in	73.5 in	77 in	75 in
Maximum opening	32.5 in	28.5 in	18 in	34 in
Jaw depth	23.5 in	23 in	20 in	26.5 in
Cutter blade length	4.8 in	5 in	19.5 in	9.1 in
Max clamping force at tip	50 tons	50 tons	55 tons	50 tons
Maximum clamping force at shears	230 tons	225 tons	220 tons	230 tons

Jaws for IMP 20	Crusher	Pulverizer	Shear	Combi Cutter
Operating weight*	4600 lbs	4600 lbs	4850 lbs	4850 lbs
Height	83.5 in	81.5 in	85.5 in	85 in
Maximum opening	36 in	31.5 in	20 in	38 in
Jaw depth	26 in	25.5 in	22 in	30 in
Cutter blade length	4.8 in	5 in	21.5 in	9.1 in
Max clamping force at tip	60 tons	65 tons	70 tons	60 tons
Maximum clamping force at shears	270 tons	280 tons	270 tons	270 tons

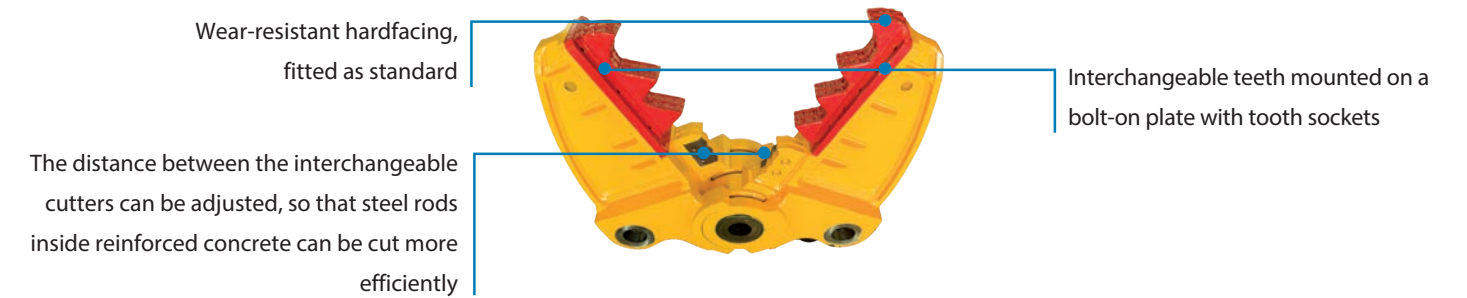
Jaws for IMP 25	Crusher	Pulverizer	Shear	Combi Cutter
Operating weight*	5300 lbs	5400 lbs	5750 lbs	5750 lbs
Height	90.5 in	90 in	92.5 in	91 in
Maximum opening	41.5 in	33.5 in	22 in	43.5 in
Jaw depth	30 in	28 in	24.5 in	34 in
Cutter blade length	7.1 in	7.5 in	24 in	13.6 in
Max clamping force at tip	95 tons	90 tons	90 tons	95 tons
Maximum clamping force at shears	340 tons	340 tons	330 tons	340 tons

Jaws for IMP 35	Crusher	Pulverizer	Shear	Combi Cutter
Operating weight*	7700 lbs	7950 lbs	8150 lbs	8150 lbs
Height	96.5 in	98.5 in	99.5 in	96.5 in
Maximum opening	45.5 in	41.5 in	25.5 in	47.5 in
Jaw depth	34 in	34.5 in	28 in	38.5 in
Cutter blade length	7.1 in	7.5 in	26 in	18.2 in
Max clamping force at tip	110 tons	110 tons	120 tons	110 tons
Maximum clamping force at shears	390 tons	430 tons	420 tons	390 tons

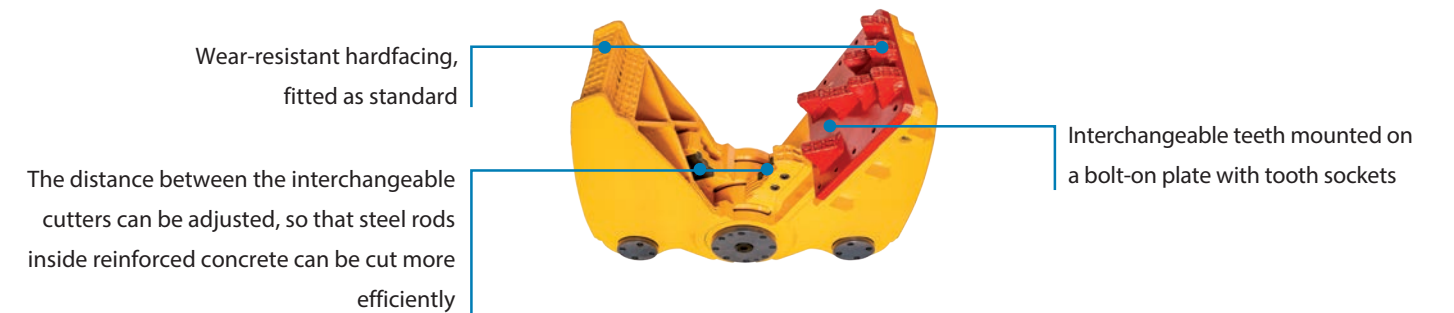
Jaws for IMP 45	Crusher	Pulverizer	Shear	Combi Cutter
Operating weight*	9900 lbs	10350 lbs	10800 lbs	10800 lbs
Height	105 in	107.5 in	109 in	106.5 in
Maximum opening	49.5 in	45.5 in	28 in	51.5 in
Jaw depth	37 in	37.5 in	31 in	41.5 in
Cutter blade length	7.1 in	7.5 in	28.5 in	18.2 in
Max clamping force at tip	130 tons	130 tons	140 tons	130 tons
Maximum clamping force at shears	460 tons	480 tons	460 tons	460 tons

*The operating weight of the equipment includes mounting bracket compatible with Indeco construction standards. Any differences in weight may be due to a different mounting bracket configuration.

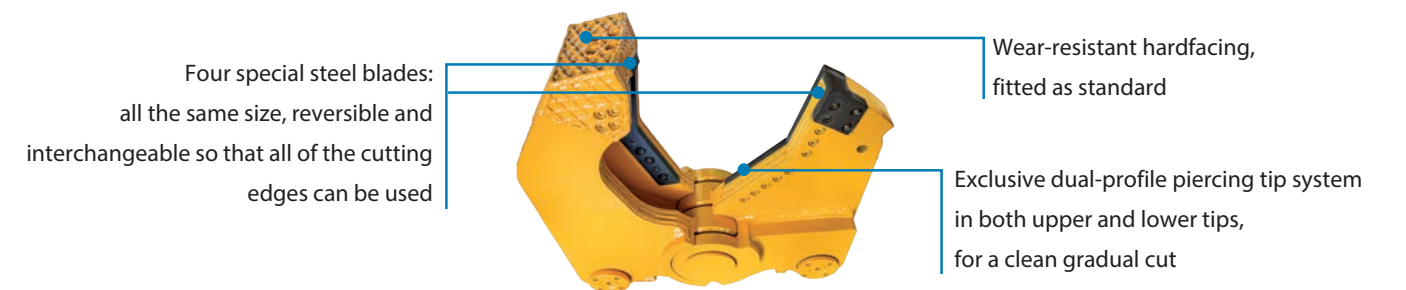
IMP - crusher configuration



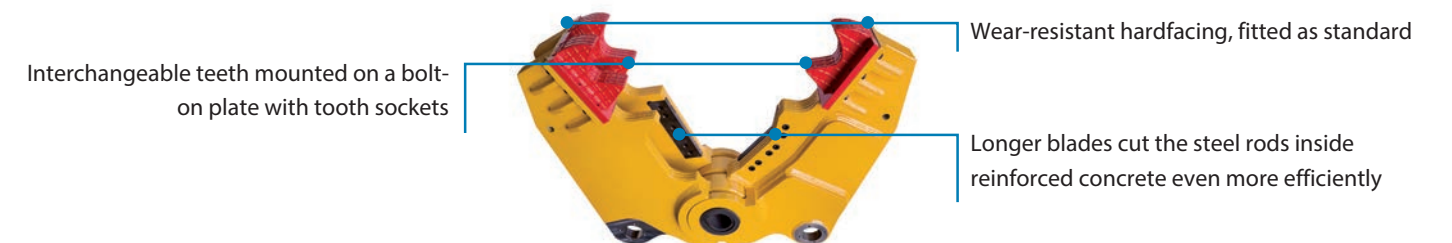
IMP - pulverizer configuration



IMP - shear configuration



IMP - Combi Cutter configuration



Appetite guide

Profiles and maximum dimensions that can be cut with the IMP in "Shear" configuration

Shear for IMP 15

Type	AISI	Type	AISI
	C3x4.1 in		5 in
	L3.5x3.5x0.3 in		0.25 in
	3 in		1.60 in

Shear for IMP 20

Type	AISI	Type	AISI
	C3x5 in		6 in
	L4x4x0.4 in		0.35 in
	3.5 in		1.80 in

Shear for IMP 25

Type	AISI	Type	AISI
	C4x6.25 in		8 in
	L5x5x0.5 in		0.40 in
	4 in		2 in

Shear for IMP 35

Type	AISI	Type	AISI
	C4x7.25 in		10 in
	L5x5x0.6 in		0.55 in
	4.5 in		2.20 in

Shear for IMP 45

Type	AISI	Type	AISI
	C5x9 in		12 in
	L6x6x0.5 in		0.65 in
	5 in		2.40 in



The full range of other Indeco products

Products	Weight	Products	Weight	Products	Weight
IFP 8 X	1650 lbs	IMP*	45 9900 lbs	ISS*** 5/7	1250 lbs
IFP 13 X	2900 lbs	IHC 50	450 lbs	ISS*** 10/20	5280 lbs
IFP 19 X	4000 lbs	IHC 70	1000 lbs	ISS*** 20/30	8030 lbs
IFP 28 X	6200 lbs	IHC 75	1100 lbs	ISS*** 25/40	10560 lbs
IFP 35 X	7600 lbs	IHC 150	2150 lbs	ISS*** 30/50	13420 lbs
IFP 45 X	10050 lbs	IHC 250	2850 lbs	ISS*** 35/60	16720 lbs
IRP 5 X	1300 lbs	IHC R 50	950 lbs	ISS*** 45/90	22880 lbs
IRP 11 X	2550 lbs	IHC R 70	1400 lbs	IMH 5	1180 lbs
IRP 18 X	3750 lbs	IHC R 75	1500 lbs	IMH 6	1220 lbs
IRP 23 X	5100 lbs	IHC R 150	2650 lbs	IMH 8	1310 lbs
IRP 29 X	6500 lbs	IHC R 250	3350 lbs	IMH 10	1620 lbs
IRP 36 X	7950 lbs	IMG S** 400	850 lbs	IMH 15	3300 lbs
IRP 45 X	9900 lbs	IMG S** 600	1300 lbs	IMH 19	3400 lbs
IMP* 15	3300 lbs	IMG S** 1200	2550 lbs	IMH 28	4600 lbs
IMP* 20	4600 lbs	IMG S** 1700	3550 lbs	IMH 3.5 SS	2530 lbs
IMP* 25	5300 lbs	IMG S** 2300	4800 lbs	IMH SG16	1850 lbs
IMP* 35	7700 lbs	IMG S** 2800	5850 lbs	IMH SG20	1850 lbs

*Crusher configuration - **Sorter configuration - ***Third-member configuration

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