

## Multi Grabs

IMG S - Sorting Jaws

IMG D - Demolition Sorting Jaws



IMG H - Material Handling Jaws





IMG L - Loading Jaws

IMG T - Timber Jaws



# Application areas

		S	D	H	L	T
 <b>Demolition &amp; renovation</b>	Light Demolition		<input type="radio"/>			
	• Demolition of masonry structures		<input type="radio"/>			
	• Brickwork		<input type="radio"/>			
	• Natural stone		<input type="radio"/>			
	• Renovation of interiors		<input type="radio"/>			
	• Autoclaved aerated concrete					
	Demolition of non-reinforced concrete structures		<input type="radio"/>			
	• Primary demolition of lightweight and standard concrete		<input type="radio"/>			
	• Primary demolition of heavyweight concrete					
	• Wall Elements		<input type="radio"/>			
	• Secondary demolition		<input type="radio"/>			
	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					
	• Cutting rebars and steel reinforcements					
	Demolition of metallic buildings and structures					
	• Demolition of refineries					
	• Cutting of Metal and steel structures					
	• Cutting steel girders/beams					
	• Cutting reinforcements					
 <b>Earth Moving and Construction</b>	Sorting and Loading	<input type="radio"/>	<input type="radio"/>			
	• Sorting	<input type="radio"/>	<input type="radio"/>			
	• Loading	<input type="radio"/>			<input type="radio"/>	
	• Waste handling	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	
	• Site clean-up	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	
	Pavement demolition					
	• Asphalt					
	• Concrete		<input type="radio"/>			
	• Composite surfaces		<input type="radio"/>			
	Earth moving works					
	• Trenching					
	• Ground excavation					
	• Floor leveling					
	• Soil compaction					
	• Trench compaction					
	• Loading soil or bulk material	<input type="radio"/>			<input type="radio"/>	
	Foundation works					
	• Building foundation excavation					
	• Ground leveling					
	Building construction					
	• Foundation pile driving					
	• Compaction around pillars					

		S	D	H	L	T
 Infrastructures	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					
 Agriculture and forestry	• 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					
	Gardening & Landscaping					
	• Fencing					
 Material Handling	• Ground excavation					
	• Rock breaking					
	• Pit planting					
	• Log splitting					
	Forestry					
	• Timber log handling			○		○
	• Loading soil or bulk material	○			○	
	• Handling rock or breakwaters			○	○	
	• Material transport, storage, positioning	○		○	○	
	• Timber log handling			○		○
 Recycling	Processing					
	• Scrap material processing					
	• Cutting tyres					
	• Processing rail cars					
	• Processing cars, trucks and general automotive					
	• Cutting tanks					
	Handling and sorting					
	• Scrap material handling	○		○		
	• Scrap material sorting			○		
	• Urban waste	○		○		
	• Industrial waste	○		○		
	• Wood and tyres			○		○
	Downsizing and sorting					
	• Material downsizing and sorting in recycling quarries					

IMG S| Sorting Jaws

IMG D| Demolition Sorting Jaws

IMG H| 3+2 Material Handling Jaws

IMG L| Loading Jaws

IMG T| Timber Jaws

# IMG jaws

Years of experience 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 a wide range of sectors, from demolition to forestry jobs. The five different models of Indeco IMG jaws run on the same hydraulic system, an upgrade compared with the previous IDG system, combined with the 360° rotation mechanism found on all of Indeco's other rotating products. Its innovative design features, specifically created to handle each product variant, and its use of special HARDOX® 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. Its exceptional manoeuvrability, its mounting bracket compatible with other Indeco products, the efficiency of its hydraulic system which ensures maximum precision in handling and is cheap to run - just some of the extra qualities that make Indeco IMG jaws such safe and reliable partners.

Having such a wide range of models, in each of the five product variants, means there is always a perfect combination for your carrier, no matter what size it is.

## **IMG S - Sorting jaws**

Indeco IMG S sorting jaws are the ideal tools for sorting waste materials from demolition work, from clearing stony ground, and from dredging of rivers and seas.

## **IMG D - Demolition Sorting Jaws**

Indeco IMG D demolition sorting jaws are ideal for light demolition jobs, 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.

## **IMG H - 3+2 Material Handling Jaws**

Designed to facilitate handling of large objects such as scrap metal, vehicles for demolition, and other demolition scrap, their hydraulic rotation system and the strength of their interlocking teeth provide a safe powerful grip.

## **IMG L - Loading Jaws**

The geometry of the Indeco IMG L loading jaws is designed for maximum load, making them ideal for moving earth, gravel, sand, mud, boulders, agricultural and industrial waste, urban waste, minerals, etc.

## **IMG T - Timber Jaws**

Designed to combine maximum gripping force with the lightest possible weight, Indeco IMG T grabs facilitate the handling of large tree trunks in forestry operations.

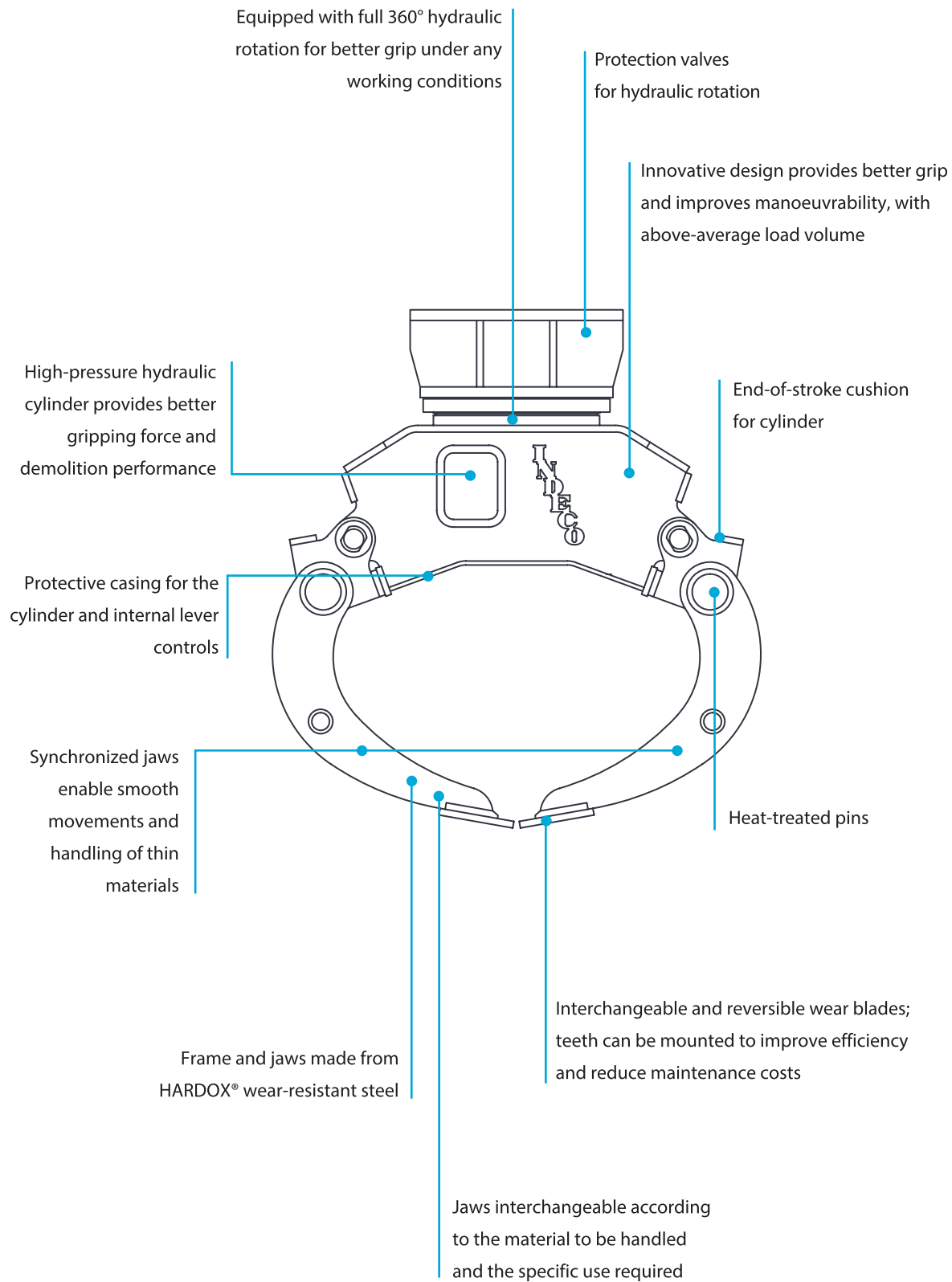




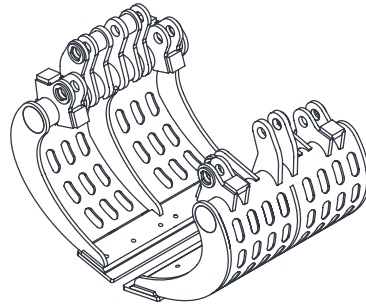




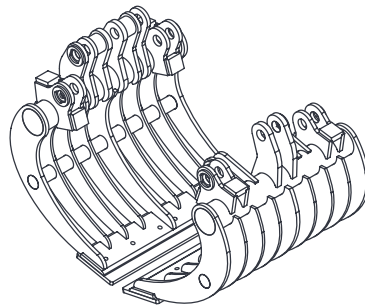
# Features of IMG jaws



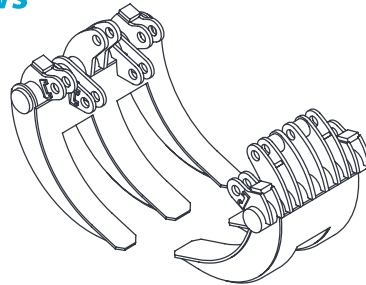
## IMG S - Sorting Jaws



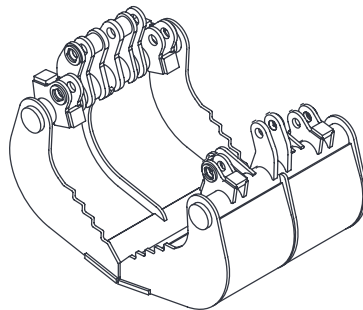
## IMG D - Demolition Sorting Jaws



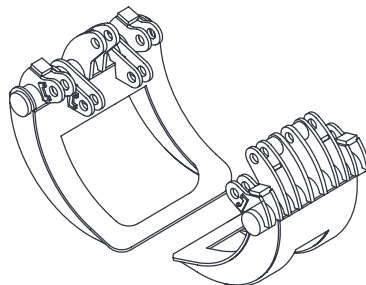
## IMG H - 3+2 Material Handling Jaws



## IMG L - Loading Jaws



## IMG T - Timber Jaws



Technical Data	IMG 400	IMG 600	IMG 1200
Type of carrier	<b>1 3</b>	<b>1 3 4</b>	<b>4 5</b>
Excavator weight	6500 ÷ 22000 lbs	11000 ÷ 35500 lbs	26500 ÷ 48500 lbs
Maximum working pressure	4400 psi	4400 psi	4400 psi
Maximum oil delivery	8.0 gpm	13.5 gpm	19.0 gpm
Hydraulic connections for cylinder	1/2"	1/2"	3/4"
Maximum rotation pressure	1500 psi	1500 psi	1500 psi
Maximum rotation oil flow	3.0 gpm	3.0 gpm	5.5 gpm
Hydraulic connections for rotation	3/8"	3/8"	1/2"
Maximum force at blade/teeth	7000 lbs	9000 lbs	13500 lbs
Compatibility of attachment plate with hammer	HP 1250	HP 1250	HP 3000 - HP 4000

Sorting Jaws	IMG 400 S	IMG 600 S	IMG 1200 S
Attachment operating weight*	850 lbs	1300 lbs	2550 lbs
Maximum opening	60 in	70 in	90 in
Load capacity	10400 in <sup>3</sup>	17100 in <sup>3</sup>	33600 in <sup>3</sup>
Jaw width	24 in	28 in	36 in

Demolition Sorting Jaws	IMG 400 D	IMG 600 D	IMG 1200 D
Attachment operating weight*	900 lbs	1350 lbs	2650 lbs
Maximum opening	60 in	70 in	90 in
Load capacity	10400 in <sup>3</sup>	17100 in <sup>3</sup>	33600 in <sup>3</sup>
Jaw width	24 in	28 in	36 in

3+2 Material Handling Jaws	IMG 400 H	IMG 600 H	IMG 1200 H
Attachment operating weight*	950 lbs	1450 lbs	2850 lbs
Maximum opening	40 in	50 in	60 in
Jaw width	24 in	26 in	34 in

Loading Jaws	IMG 400 L	IMG 600 L	IMG 1200 L
Attachment operating weight*	950 lbs	1400 lbs	2750 lbs
Maximum opening	60 in	70 in	90 in
Load capacity	11600 in <sup>3</sup>	19600 in <sup>3</sup>	37900 in <sup>3</sup>
Jaw width	24 in	28 in	36 in

Timber Jaws	IMG 400 T	IMG 600 T	IMG 1200 T
Attachment operating weight*	950 lbs	1400 lbs	2750 lbs
Maximum opening	40 in	50 in	60 in
Jaw width	24 in	26 in	34 in

\*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.

#### Carrier key



Compact excavator



Miniloader



Backhoe loader



Wheeled excavator



Tracked excavator



Technical Data	IMG 1700	IMG 2300	IMG 2800
Type of carrier	<b>4 5</b>	<b>5</b>	<b>5</b>
Excavator weight	37500 ÷ 66000 lbs	48500 ÷ 88000 lbs	57000 ÷ 110000 lbs
Maximum working pressure	4700 psi	5100 psi	5100 psi
Maximum oil delivery	21.5 gpm	34.5 gpm	42.5 gpm
Hydraulic connections for cylinder	3/4"	3/4"	3/4"
Maximum rotation pressure	1600 psi	1600 psi	1600 psi
Maximum rotation oil flow	5.5 gpm	8.0 gpm	8.0 gpm
Hydraulic connections for rotation	1/2"	1/2"	1/2"
Maximum force at blade/teeth	15500 lbs	22000 lbs	26500 lbs
Compatibility of attachment plate with hammer	HP 3000 - HP 4000	HP 5000 ÷ HP 7500	HP 5000 ÷ HP 7500

Sorting Jaws	IMG 1700 S	IMG 2300 S	IMG 2800 S
Attachment operating weight*	3550 lbs	4800 lbs	5850 lbs
Maximum opening	100 in	110 in	120 in
Load capacity	48900 in <sup>3</sup>	73300 in <sup>3</sup>	91600 in <sup>3</sup>
Jaw width	40 in	44 in	48 in

Demolition Sorting Jaws	IMG 1700 D	IMG 2300 D	IMG 2800 D
Attachment operating weight*	3750 lbs	5100 lbs	6200 lbs
Maximum opening	100 in	110 in	120 in
Load capacity	48900 in <sup>3</sup>	73300 in <sup>3</sup>	91600 in <sup>3</sup>
Jaw width	40 in	44 in	48 in

3+2 Material Handling Jaws	IMG 1700 H	IMG 2300 H	IMG 2800 H
Attachment operating weight*	4000 lbs	5400 lbs	6600 lbs
Maximum opening	70 in	70 in	80 in
Jaw width	38 in	42 in	46 in

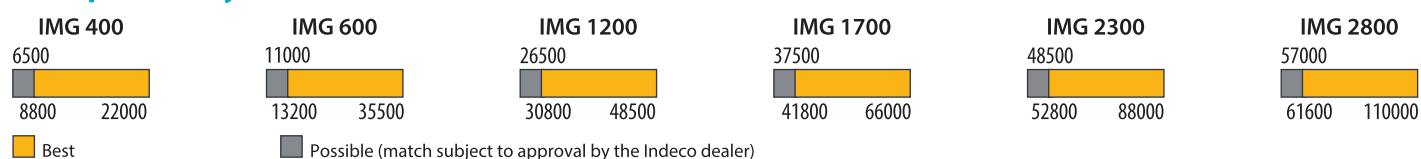
Loading Jaws	IMG 1700 L	IMG 2300 L	IMG 2800 L
Attachment operating weight*	3950 lbs	5300 lbs	6450 lbs
Maximum opening	100 in	110 in	120 in
Load capacity	55000 in <sup>3</sup>	82400 in <sup>3</sup>	103800 in <sup>3</sup>
Jaw width	40 in	44 in	48 in

Timber Jaws	IMG 1700 T	IMG 2300 T	IMG 2800 T
Attachment operating weight*	3950 lbs	5300 lbs	6450 lbs
Maximum opening	70 in	70 in	80 in
Jaw width	38 in	42 in	46 in

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.

## compatibility

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



# Accessories

## Mounting brackets

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



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## Connecting hoses

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



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## Wear blades

Interchangeable and reversible wear blades for greater efficiency and lower maintenance costs; teeth can be mounted.



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## Quick change teeth - IMG

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.







## The full range of other Indeco products

Products		Weight		Products		Weight	
IFP	8 X	1650	lb	IHC	150	2150	lb
IFP	13 X	2900	lb	IHC	250	2850	lb
IFP	19 X	4000	lb	IHC R	50	950	lb
IFP	28 X	6200	lb	IHC R	70	1400	lb
IFP	35 X	7600	lb	IHC R	75	1500	lb
IFP	45 X	9700	lb	IHC R	150	2650	lb
IRP	11 X	2550	lb	IHC R	250	3350	lb
IRP	18 X	3750	lb	IMG S**	400	850	lb
IRP	23 X	5100	lb	IMG S**	600	1300	lb
IRP	29 X	6500	lb	IMG S**	1200	2550	lb
IRP	36 X	7950	lb	IMG S**	1700	3550	lb
IRP	45 X	9900	lb	IMG S**	2300	4800	lb
IMP*	15	3300	lb	IMG S**	2800	5850	lb
IMP*	20	4600	lb	ISS***	10/20	5280	lb
IMP*	25	5300	lb	ISS***	20/30	8030	lb
IMP*	35	7700	lb	ISS***	25/40	10560	lb
IMP*	45	9900	lb	ISS***	30/50	13420	lb
IHC	50	450	lb	ISS***	35/60	17160	lb
IHC	70	1000	lb	ISS***	45/90	22880	lb
IHC	75	1100	lb				

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

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