

 **INDECO**
YOUR PARTNERS IN DEMOLITION

Indeco
ISS shears

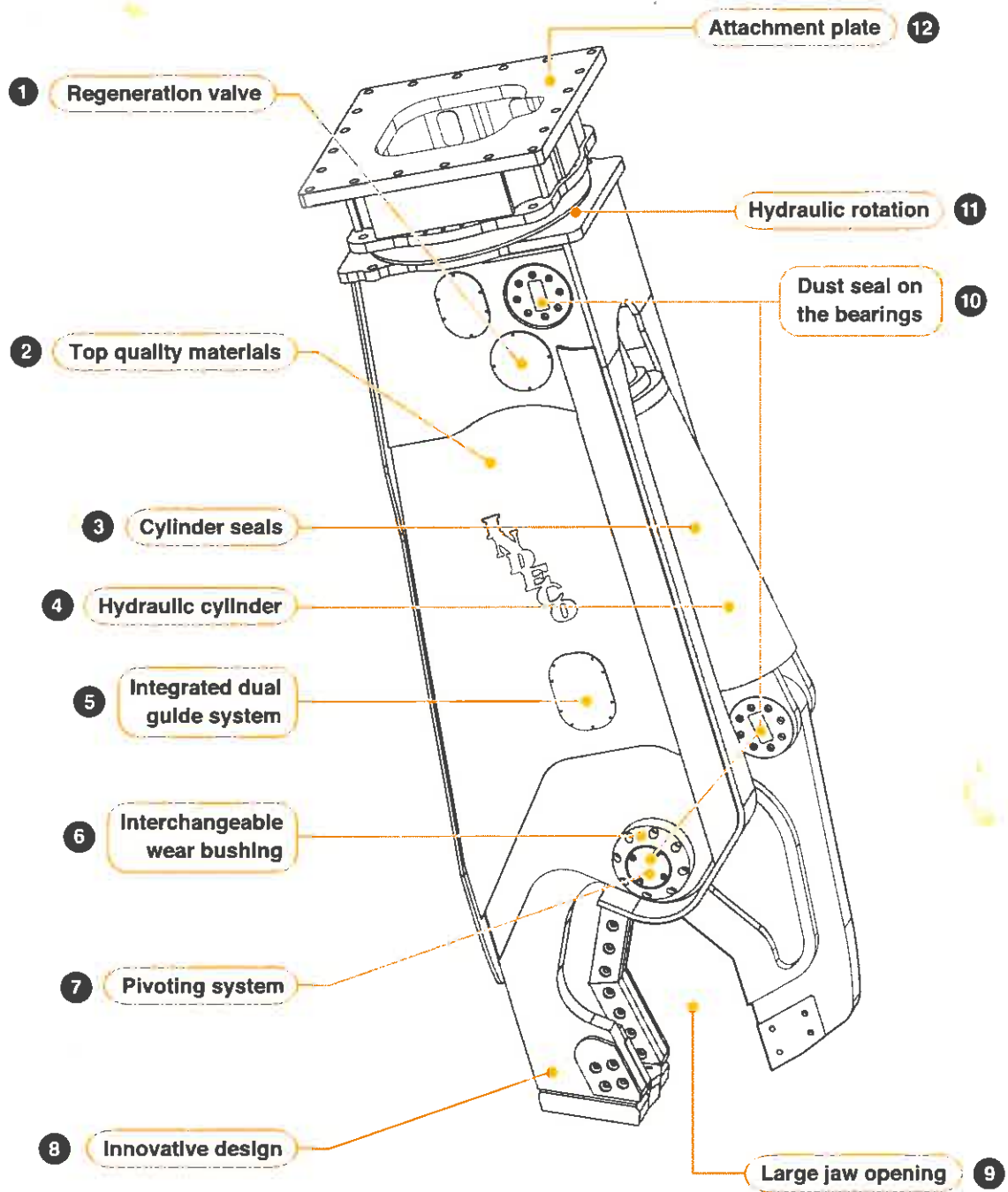
the Indeco ISS shears

The range of complementary products to the hydraulic breakers is completed by the Indeco ISS shears.

Vital tools for anyone working in the scrap metal or recycling sectors, Indeco Steel Shears stand out for their cutting-edge design, for their extreme robustness and for their technical innovations which substantially increase their efficiency.

Technical specifications

- 1 The regeneration valve speeds up no-load movement of the jaw, which opens and closes more quickly, thus reducing cycle times and increasing productivity.
- 2 The chassis is made from extra-strength steel alloys, which eliminates any flexing of the shear body.
- 3 The long-lasting cylinder seals are able to withstand up to 10150 psi of pressure.
- 4 The large, powerful hydraulic cylinder is an exclusive Indeco design, and provides enough force to deal with any type of working conditions.
- 5 The exclusive integrated dual guide system can be used to adjust the alignment tolerance across the whole range of cutting movements.
- 6 The interchangeable "quick change" wear bushing ensures that the knives are always optimally aligned.
- 7 The heavy-duty pivot group provides long-term cutting efficiency, keeps jaws aligned and prevents buckling.
- 8 The innovative design improves cutting efficiency compared to similar products.
- 9 The large jaw opening provides greater flexibility for a variety of different applications.
- 10 Special anti-friction insert bearings with a dust seal.
- 11 The shears have full high-speed 360° hydraulic rotation for better positioning and optimal cutting in any working position.
- 12 The attachment plate is compatible with the plate for Indeco breakers of similar weight.



applications

Although they can be used for all types of general demolition and recycling jobs, the Indeco ISS shears were specifically designed for recycling and cutting

ferrous materials such as steel sections, tanks and tubing.



accessories

Connecting hoses ①

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

Mounting brackets ②

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

Special 2nd member mounting bracket ③

Specifically designed by Indeco for recycling operations, this special bracket makes it easier to mount the shears as the 2nd member on your excavator.

Blades ④

In special heat-treated steels, using an exclusive Indeco technology which optimizes their performance and durability.

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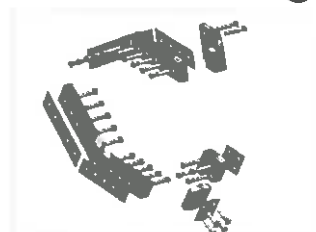
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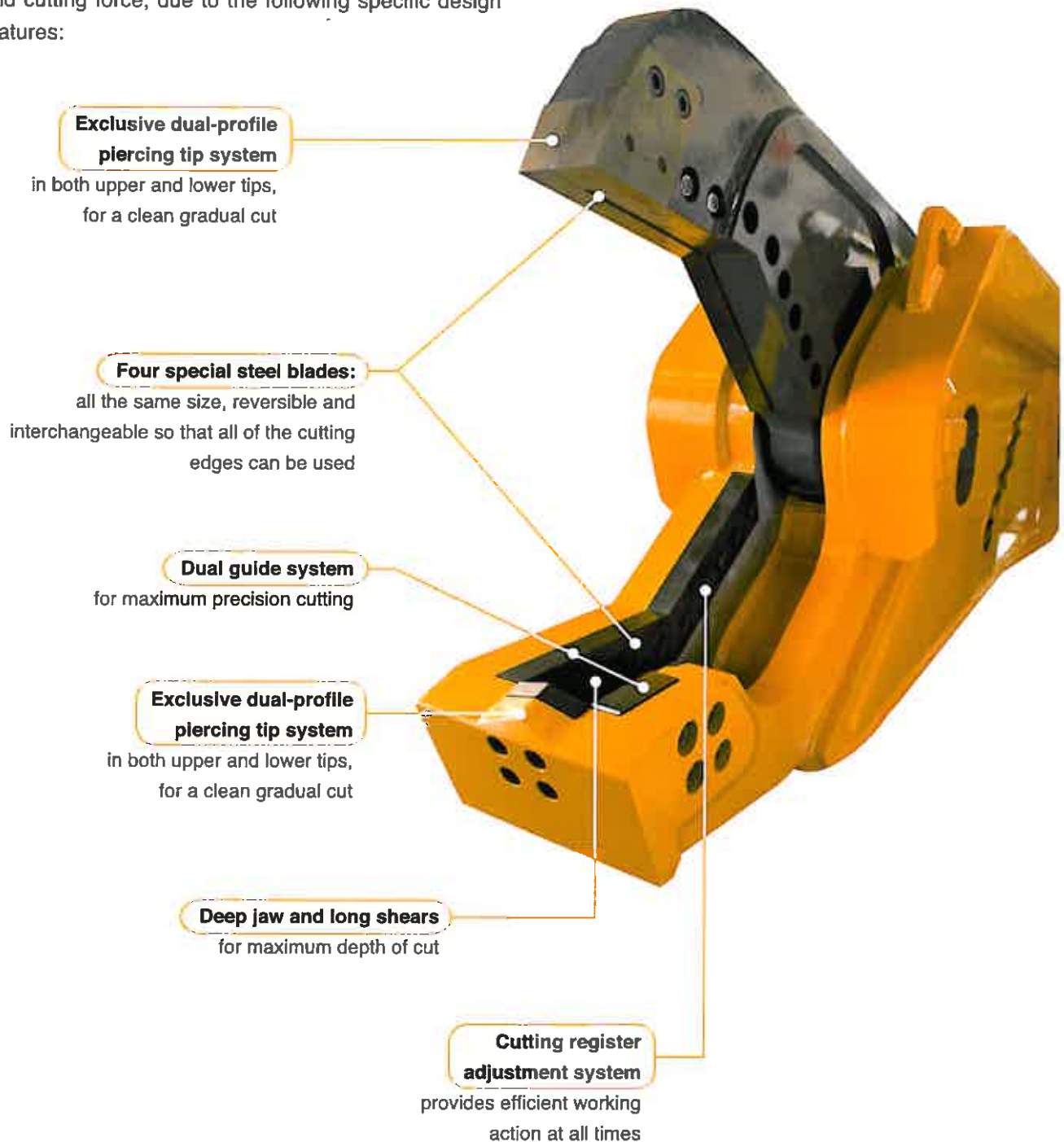


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Cutting capacity

The Indeco ISS shears have exceptional capacity and cutting force, due to the following specific design features:





Technical Data	ISS 10/20	ISS 20/30	ISS 25/40
Excavator weight 2 [^] member	22000 lb	44000 lb	55000 lb
Excavator weight 3 [^] member	44000 lb	66000 lb	88000 lb
Steel shear weight (excluding mounting bracket)	3960 lb	7700 lb	9900 lb
Maximum working pressure	5800 psi	5800 psi	5800 psi
Maximum oil delivery	26 ÷ 53 gpm	53 ÷ 79 gpm	58 ÷ 95 gpm
Maximum clamping force at tip	65 tons	100 tons	150 tons
Clamping force class	600 tons	800 tons	1000 tons
Length	107 in	134 in	150 in
Jaw width	18 in	22 in	25 in
Jaw opening	20 in	24 in	28 in
Shear length	20 in	27 in	30 in
Closure time (no-load)	1,5 ÷ 3 sec	2,7 ÷ 4 sec	3,2 ÷ 5 sec
Opening time (no-load)	1,5 ÷ 3 sec	2,5 ÷ 3,7 sec	2,9 ÷ 4,7 sec
● Max cutting diameter	2,0 in	2,8 in	3,5 in
I IPE	320	400	500
I HEA	250	300	360
Compatibility of attachment plate with breaker mounting bracket	HP 5000	HP 8000	HP 12001 HP 13001



Technical Data	ISS 30/60	ISS 45/90
Excavator weight 2 ^A member	66000 lb	99000 lb
Excavator weight 3 ^A member	132000 lb	198000 lb
Steel shear weight (excluding mounting bracket)	14630 lb	20460 lb
Maximum working pressure	5800 psi	5800 psi
Maximum oil delivery	63 ÷ 105 gpm	95 ÷ 185 gpm
Maximum clamping force at tip	190 tons	235 tons
Clamping force class	1400 tons	2400 tons
Length	167 in	191 in
Jaw width	29 in	32 in
Jaw opening	31 in	35 in
Shear length	34 in	38 in
Closure time (no-load)	3,5 ÷ 5 sec	3,1 ÷ 6 sec
Opening time (no-load)	3,6 ÷ 5 sec	3,5 ÷ 6,8 sec
● Max cutting diameter	4,3 in	5,1 in
I IPE	550	600
I HEA	400	450
Compatibility of attachment plate with breaker mounting bracket	HP 16000 HP 25000	HP 16000 HP 25000

The full range of Indeco complementary demolition products

Products	Weight		Products	Weight	
IFP 400	lb	1300	IHC 150	lb	1580
IFP 1000	lb	3800	IHC 250	lb	2200
IFP 1250	lb	5600	IDG 300	lb	660
IFP 1350	lb	7300	IDG 500	lb	1100
IRP 500	lb	2000	IDG 1000	lb	2200
IRP 750	lb	2900	IDG 1500	lb	3300
IRP 850	lb	3900	IDG 2000	lb	4400
IRP 1000	lb	5300	IDG 2500	lb	5500
IRP 1250	lb	7500	ISS 10/20	lb	3960
MULTI 750	lb	3530	ISS 20/30	lb	7700
MULTI 850	lb	4520	ISS 25/40	lb	9900
MULTI 1000	lb	6820	ISS 30/60	lb	14630
IHC 50	lb	380	ISS 45/90	lb	20460
IHC 75	lb	910			

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