



 **INDECO**  
YOUR PARTNERS IN DEMOLITION

**IHC compactors**

# the Indeco IHC compactors

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 applying both the dynamic forces of a hydraulically-driven vibration system and the static weight of an excavator or backhoe boom to a thick steel baseplate.

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.

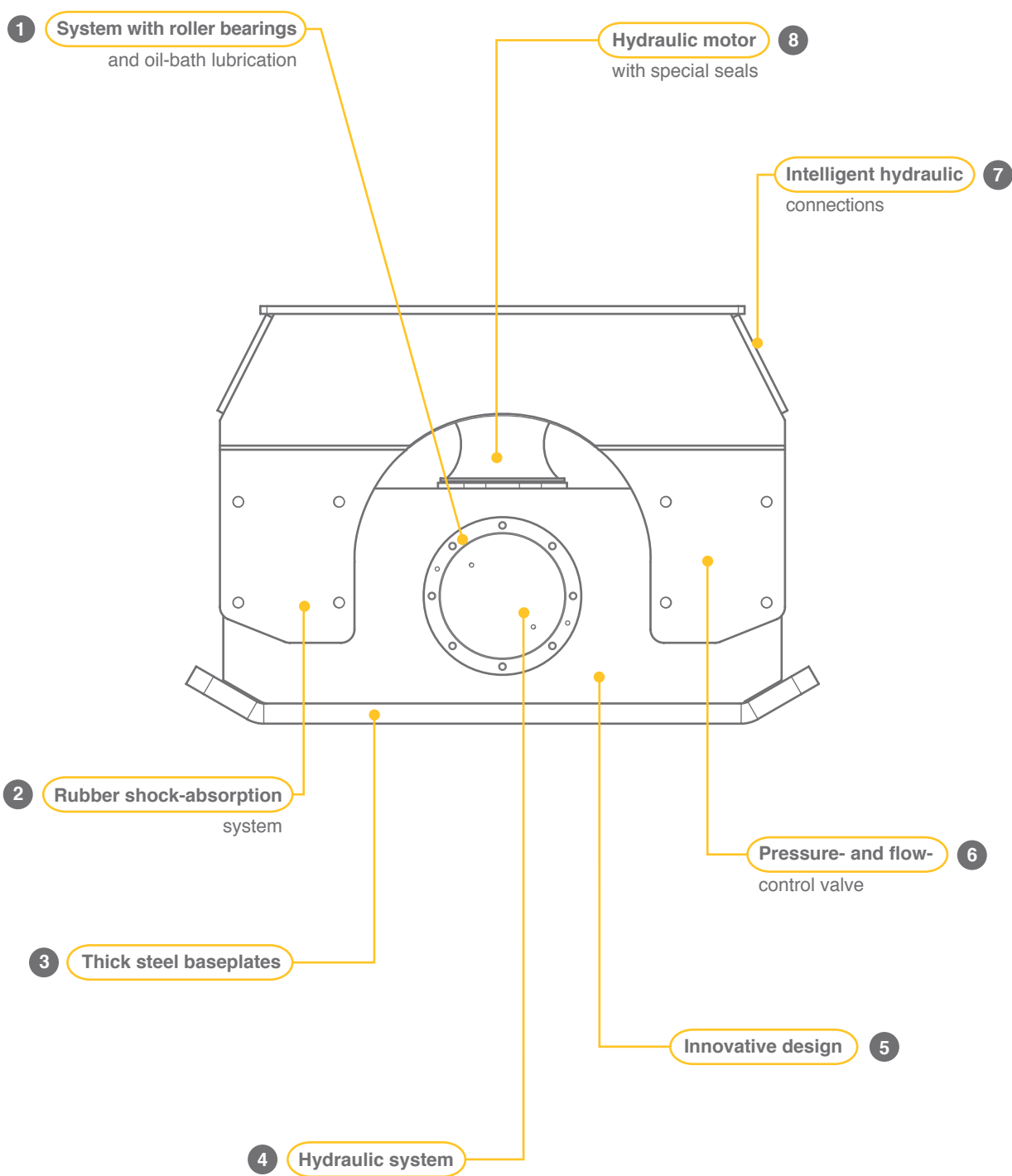
This hydraulic system gives a balanced design of compaction force and vibration speed, so as to achieve the depth penetration needed to reduce air voids and move more material faster.

## Technical features

Robust, versatile and highly productive, IHC compactors have a number of special features created by the technology researchers at Indeco.

- 1 The system uses oil-bath bearings, ensuring maximum reliability, low maintenance costs and high performance, even on the toughest of jobs.
- 2 The rubber shock-absorber system is designed to direct the whole force down into the material to be compacted, thus isolating vibrations from the carrier and the operator.

- 3 Thick steel baseplates mean no flexing or other distortions that could affect the machine's reliability
- 4 The hydraulic system balances force and speed to ensure that the eccentric weights can achieve depth penetration and reduce air voids.
- 5 The compactor has been specially designed to work up close to trench walls, foundations, guard rails and other obstacles, along the whole width and length of the job.
- 6 The pressure- and flow-control valve provides safer quicker installation, ensuring that incorrect set-ups cannot affect the long-term reliability of the compactor
- 7 The hydraulic connections are located in a practical and functional area in the rear of the compactor. They run parallel with the carrier hoses, which protects them from accidental breakage, especially in deep narrow pipe trenches.
- 8 The hydraulic motor, with its special high-pressure seals, can withstand backpressure without the need for a case drain.





Technical data	IHC 50	IHC 75
Excavator weight	1,7 ÷ 6,4 tons	4 ÷ 12 tons
Equipment weight	170 Kg	410 Kg
Height	560 mm	600 mm
Baseplate size	45 x 56 cm	65 x 60 cm
Centrifugal force	2500 Kgf 24,5 KN	3600 Kgf 35,3 KN
Force applied to ground	1,0 Kg/cm <sup>2</sup> 9,7 N/cm <sup>2</sup>	0,9 Kg/cm <sup>2</sup> 9,1 N/cm <sup>2</sup>
Oil flow to motor	68 l/min	75 l/min
Maximum working pressure	138 bars	138 bars
Compatibility of attachment plate with breaker mounting bracket	HP 200 - HP 350	HP 500 ÷ HP 900

Technical data	IHC 150	IHC 250
Excavator weight	7,5 ÷ 22 tons	18 ÷ 45 tons
Equipment weight	715 Kg	1000 Kg
Height	790 mm	800 mm
Baseplate size	80 x 70 cm	90 x 90 cm
Centrifugal force	7150 Kgf 70,1 KN	15100 Kgf 148,1 KN
Force applied to ground	1,3 Kg/cm <sup>2</sup> 12,5 N/cm <sup>2</sup>	1,9 Kg/cm <sup>2</sup> 18,3 N/cm <sup>2</sup>
Oil flow to motor	121 l/min	227 l/min
Maximum working pressure	138 bars	138 bars
Compatibility of attachment plate with breaker mounting bracket	HP 1500 - HP 1800	HP 3000 ÷ HP 4000

Recommended for use on machines with an overall weight (in tons):



Recommended for use on machines with an overall weight (in tons):



compatibility

## applications

As well as being the ideal tool for compacting backfill for trenches, for compact embankments or other steep slope applications, Indeco compactors are also extremely effective

around foundations or close to other obstacles. Perfect for working on granular, cohesive and semi-cohesive soils, they have also proven effective on pile-driving jobs.



## accessories

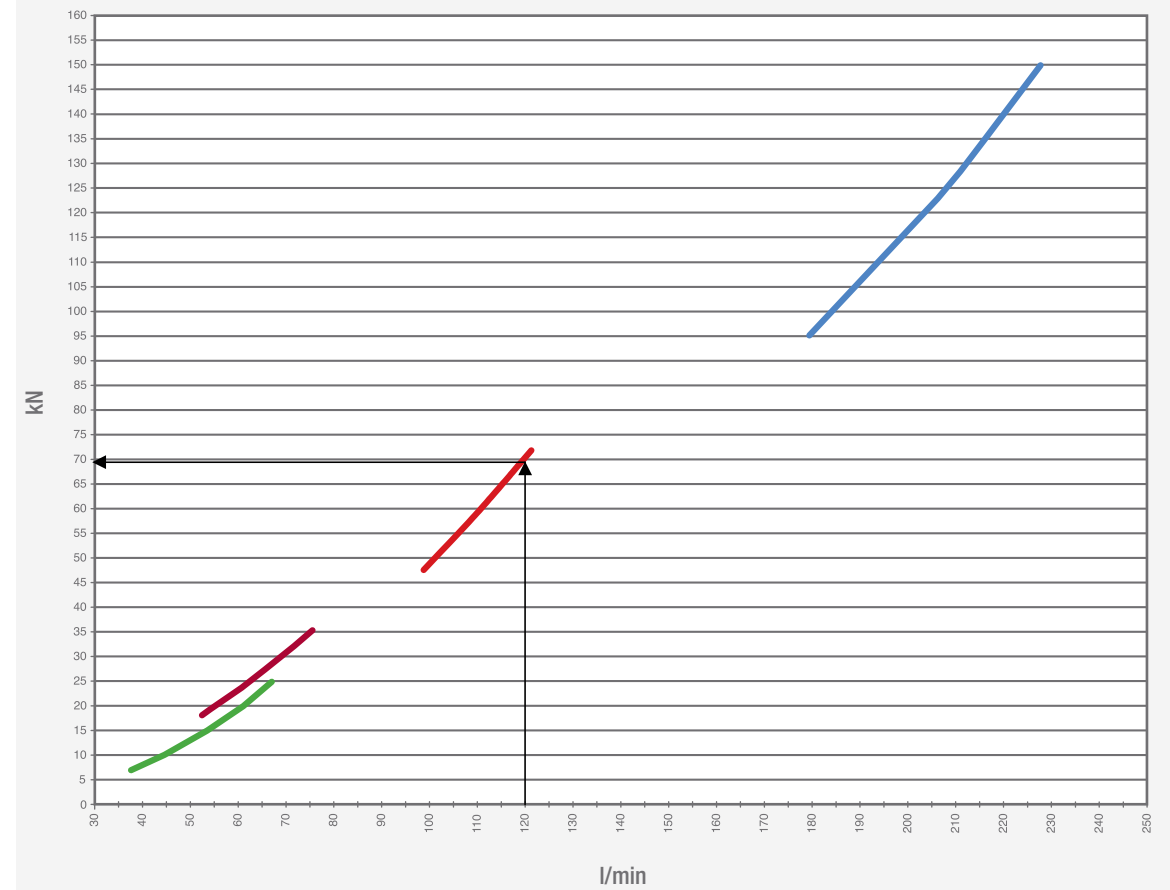
### Backfill blade

A useful optional, mounted on the IHC compactor, for smooth and levelling the earth

to be compacted, without needing to switch from compactor to bucket.



## performance curves



Example on an IHC 150: a flow rate of 120 L/min corresponds to a centrifugal force of 69 kN.

IHC 50      IHC 75      IHC 150      IHC 250



The full range of Indeco complementary demolition products

Products		Weight		Products		Weight	
IFP	400	kg	550	IHC	150	kg	715
IFP	1000	kg	1700	IHC	250	kg	1000
IFP	1250	kg	2500	IDG	300	kg	300
IFP	1350	kg	3300	IDG	500	kg	500
IRP	500	kg	900	IDG	1000	kg	1000
IRP	750	kg	1300	IDG	1500	kg	1500
IRP	850	kg	1750	IDG	2000	kg	2000
IRP	1000	kg	2400	IDG	2500	kg	2500
IRP	1250	kg	3400	ISS	10/20	kg	1800
MULTI	750	kg	1600	ISS	20/30	kg	3200
MULTI	850	kg	2050	ISS	25/40	kg	4500
MULTI	1000	kg	4000	ISS	30/60	kg	6650
IHC	50	kg	170	ISS	45/90	kg	9300
IHC	75	kg	410				

Indeco Ind. S.p.A.  
viale Lindemann, 10 z.i. - 70123 Bari - Italy  
tel. +39 080 531 33 70 - fax +39 080 537 79 76

info@indec.it - www.indec.it

