

The Power of Demolition



Italiademolitori srl

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 **italdem**
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NEW



HYDRAULIC HAMMERS

MANUFACTURERS SINCE 1975

Made In Italy



Italiademolitori srl



About italdem:

Italiademolitori srl is the manufacturer *italdem* products one of the most well known brands of hydraulic hammers and one of the market leaders not only in Italy but also in many countries around the world. The current position is the result of **30 YEARS OF EXPERIENCE.**



THE NEW LINE OF BREAKERS..

- The designing of a new series of hydraulic hammers is due to the new necessities that have come along in these years from the new technological advanced excavators and from the hydraulic hammer market demand.
- Since the excavator producers have prohibited to modify the technical characteristics of the supplying lines (otherwise warranty will not be recognized) we decided to re-design the hydraulic hammers increasing hydraulic efficiency, number of blow, and oil discharge force in order to compete with higher back-pressures.



Advantages of our new breakers..

- The hydraulic efficiency has been improved substituting the supplying and front discharge with a side one. Building a line hydraulic circuit, we reduced pressure loss. We have eliminated also curves, deviations and branches that were causes of frictions and turbulences.
- In order to win the high number of back-pressure in the discharge which are produced during hammer work in the new circuits, we increased the piston push force and the working pressure.



Advantages of our new breakers..

- The hydraulic hammer starts working with low pressure (about 40 bar) and with little energy, this permits to work on walls to level and avoid empty blow.
- The carcass has been re designed. We have reduced drifts, gaps and vibrations which were causes of high noise.
- Optimizing the courses, piston velocity and hydraulic efficiency, we gained a higher number of blow which means more productivity.



Hydraulic Breakers

HEAVY WEIGHT
1.5 Ton - 4 Ton



	GK 4000 S	GK 3000 S	GK 2500 S	GK 1810 S	GK 1560 S
Operating weight	4000 kg	3000 kg	2400 kg	1800kg	1500 kg
Tool diameter	185 mm	165 mm	150 mm	140 mm	132 mm
Oil flow	300÷310 l/min.	250÷260 l/min.	220÷230 l/min.	200÷210 l/min.	160÷170 l/min.
Working pressure	150÷160 bar	150÷160 bar	140÷150 bar	140÷150 bar	140÷150 bar
Relief valve	200 bar	200 bar	200 bar	200 bar	200 bar
Max. backpressure	12 bar	12 bar	12 bar	12 bar	12 bar
Blow energy	8300 joule	6300 joule	5000 joule	4400 joule	3500 joule
Required power	112 hp	93 hp	78 hp	70 hp	56 hp
Impact rate	450 (600)	500 (640)	550 (700)	550 (700)	580 (700)
Carrier weight	40÷65 ton	30÷50 ton	28÷40 ton	22÷30 ton	20÷28 ton
Max. noise level (silenced version)	88 db-A	88 db-A	88 db-A	88 db-A	88 db-A
Inner diameter HP line	32 mm	32 mm	32 mm	26 mm	26 mm
Inner diameter LP line	38 mm	38 mm	38 mm	38 mm	38 mm

Hydraulic Breakers

MEDIUM WEIGHT
330 kg - 1350 kg



GK 1360 S GK 1060 S GK 630 S GK 450 S GK 320 S

Operating weight	1350kg	1050 kg	650 kg	450 kg	330 kg
Tool diameter	120 mm	114 mm	105 mm	85 mm	80 mm
Oil flow	150÷160 l/min.	130÷150 l/min.	110÷130 l/min.	75÷100 l/min.	45÷85 l/min.
Working pressure	130÷140 bar	110÷120 bar	110÷120 bar	105÷115 bar	95÷105 bar
Relief valve	200 bar	170 bar	170 bar	150 bar	140 bar
Max. backpressure	12 bar	12 bar	12 bar	12 bar	12 bar
Blow energy	3000 joule	2300 joule	1700 joule	1050 joule	750 joule
Required power	50 hp	38 hp	35 hp	25,5 hp	20 hp
Impact rate	600 (750)	500÷600	600÷650	650÷900	540÷1000
Carrier weight	18÷25 ton	13÷20 ton	9÷15 ton	7÷11 ton	4,5÷9 ton
Max. noise level (silenced version)	88 db-A	88 db-A	88 db-A	90 db-A	90 db-A
Inner diameter HP line	26 mm	20 mm	20 mm	20 mm	20 mm
Inner diameter LP line	38 mm	36 mm	36 mm	30 mm	30 mm

Hydraulic Breakers

LIGHT WEIGHT
19 kg - 220 kg



GK 225 S GK 165 S GK 100 S GK 75 S GK 19

Operating weight	220 kg	155 kg	105 kg	75 kg	19 kg
Tool diameter	67 mm	56 mm	46 mm	40 mm	25 mm hex.
Oil flow	35÷60 l/min.	25÷40 l/min.	15÷30 l/min.	13÷25 l/min.	15÷30 l/min
Working pressure	95÷105 bar	95÷105 bar	95÷105 bar	95÷105 bar	150 bar
Relief valve	140 bar	140 bar	140 bar	140 bar	170 bar
Max. backpressure	12 bar	12 bar	12 bar	12 bar	17 bar
Blow energy	520 joule	350 joule	200 joule	160 joule	70 joule
Required power	14 hp	9.5 hp	7 hp	6 hp	4,5 hp
Impact rate	620÷1050	670÷1050	700÷1350	750÷1430	800÷1600
Carrier weight	3÷6ton	2÷4,5 ton	1÷3 ton	0,5÷2 ton	manual
Max. noise level (silenced version)	90 db-A	90 db-A	93 db-A	93 db-A	105 db-A
Inner diameter HP line	20 mm	16 mm	16 mm	16 mm	13 mm
Inner diameter LP line	26 mm	20 mm	20 mm	20 mm	13 mm

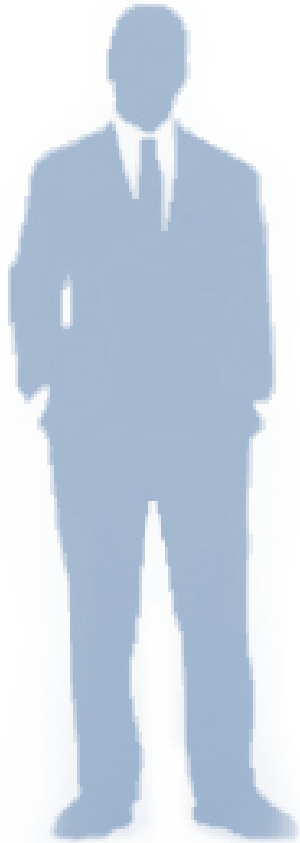
Our Factory..



What do we offer..

- Great Discounts offers for our dealers and clients with discounts up to 55% on all the products and 50% on the Spare Parts.
- 1 Year Warranty on all of our products from the date of delivery to end user.
- All ITALDEM ® hammers are immediately available: 2 to 3 days from order confirmation, and one week for all bigger models.
- Availability of all spare parts on stock and ready for shipment upon order confirmation.
- Optimization option, if the client want the breaker painted in different color.
- Organizing the shipment process with the lowest possible cost.
- Superior services for our clients with easy communication with our skilled and multilingual team in the sales and export department (Italian, English, Arabic, , French and Spanish).





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