

CATALOGUE 2022

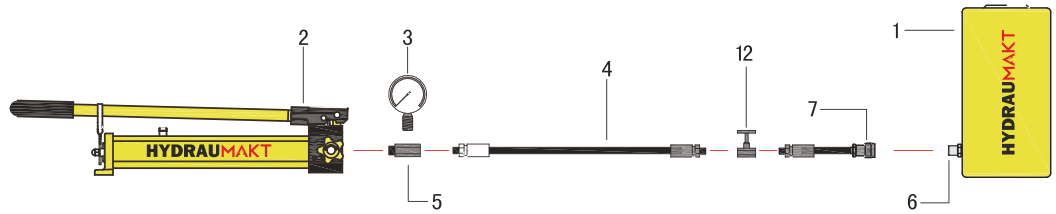


HYDRAUMAKT

High Pressure Hydraulic Tools & Equipments

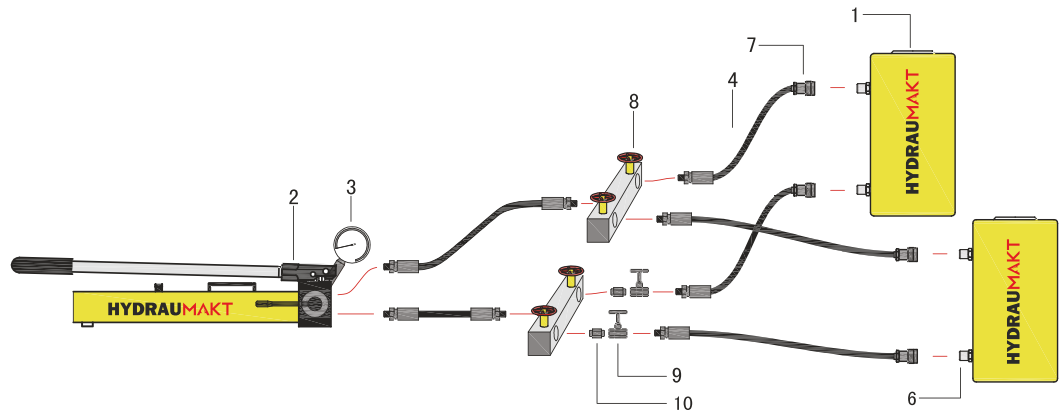
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HYDRAUMAKT CYLINDER SET-UPS



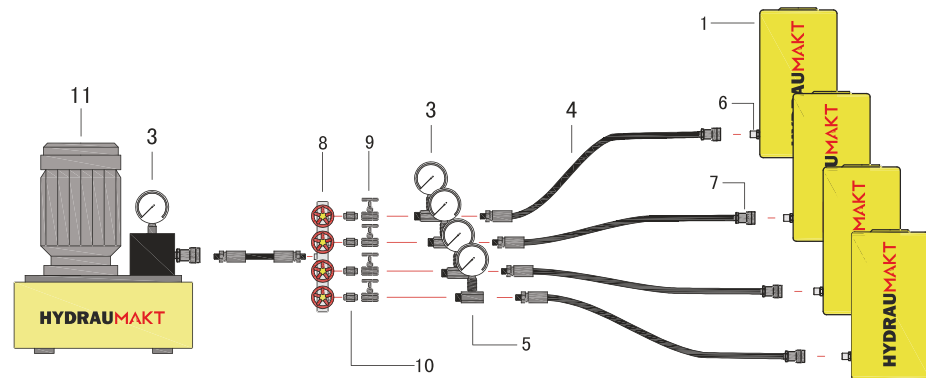
Set-up one: One-way hand pump+Hose+Single acting hydraulic cylinder

It is the basic system set-up. The oil reservoir of pump must be larger than the oil capacity of cylinder, so as to offer full cylinder stroke.



Set-up two: Two-way hand pump + Two manifolds + Six hoses + Two double acting hydraulic cylinders

With 2- or more-port manifold, the system allows simultaneous lift and descent of several double acting cylinders. Throttle valve installed on the outlet port of manifold regulates the flow of hydraulic fluid to or from the cylinders, so as to control the lift and descent of each cylinder and maintain horizontal movement of load.



Set-up Three: One-way electric pump + Manifold + Five hoses + Four single acting cylinder

With 4- or more- port manifold, the system allow simultaneous lift of several single acting cylinders. Throttle valve regulates the flow of hydraulic fluid to or from the cylinders. One- way valve allows safety holding of load in lifting applications.

- | | |
|-------------------|--------------------------|
| 1. Cylinder | 7. Male coupler |
| 2. Hand pump | 8. Manifold |
| 3. Pressure gauge | 9. Throttle valve |
| 4. Hose | 10. Connector |
| 5. Gauge adaptor | 11. Electric pump |
| 6. Female coupler | 12. Safety holding valve |

HPIn Series

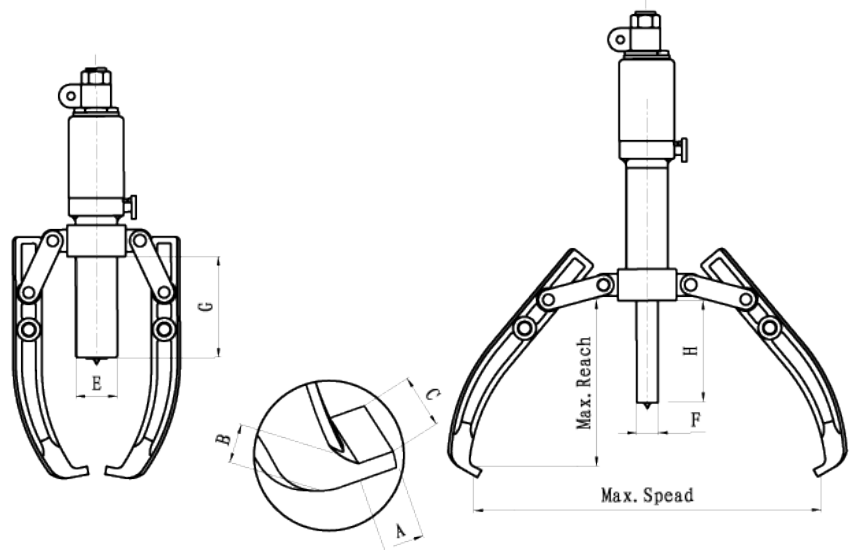
HYDRAULIC PULLERS



Features

- Use with 2 or 3 jaws.
- High Quality, forged stel jaws and crosshead provide superior reliability and service.
- Precise hydraulic control allows fast, efficient and safe pulling.
- High force hydraulic system for effortless pulling of large components.
- More efficient pulling, as one man can do the job where manual pullers often require two Operators.
- Spring loaded live centering cone.
- Handy release knob
- Bladder type oil reservoir.
- Rapid Adjustment.
- 5, 10 & 20 Ton sets comes in plastic carry case.
- 30 & 50 Ton sets comes in wooden box.

These Tools are Designed for Removing a Wide Variety of Gears, Bearings, Bushings, Pulleys and Other Press-Fitted Parts.



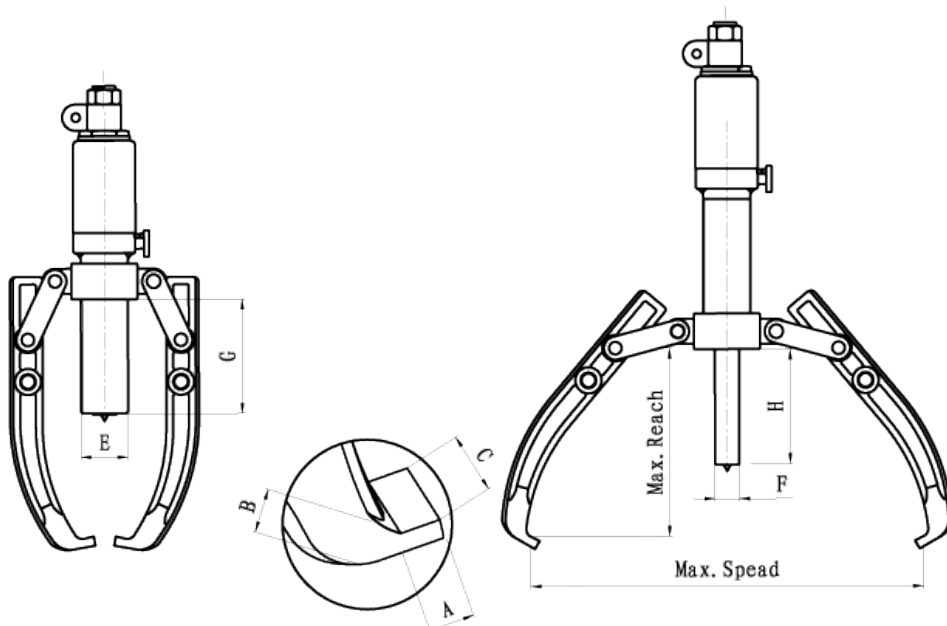
Model	Output (Ton)	Spread (mm)	Max Reach (mm)	Ram Stroke (mm)	Dimensions (mm)						Weight (Kg)
					E	F	G	A	B	C	
HPIn-5	5	50-200	140	50	45	23	106	13	23	26	7.6
HPIn-10	10	50-250	170	60	56	26	97	14	30	30	10.1
HPIn-20	20	100-350	205	70	78	33	105	21	34	33	18.6
HPIn-30	30	150-400	220	70	90	38	103	26	36	35	24.2
HPIn-50	50	200-500	250	60	114	48	117	25	46	40	42.9

HPEX Series

Features

- Use with 2 or 3 jaws.
- High quality, Forged steel jaws and crosshead provide superior reliability and service.
- Air Hydraulic Control allows fast, efficient and safe pulling.
- High force hydraulic system for effortless pulling of large components.
- More efficient pulling, as one man can do the job where manual pullers often require two Operators.
- Spring loaded live centering cone.
- Easy & Quick setup.
- The hydraulic hand pump can be detached for other applications.
- External hand pump allows operations from distance.

HYDRAULIC PULLER with HAND PUMP SETS



Model	Output (Ton)	Spread (mm)	Max Reach (mm)	Ram Stroke (mm)	Dimensions (mm)						Weight (Kg)
					E	F	G	A	B	C	
HPEX-5	5	200	140	50	45	23	106	13	23	26	10.2
HPEX-10	10	250	170	60	56	26	97	14	30	30	12.9
HPEX-20	20	350	205	70	78	33	105	21	34	33	15.7
HPEX-30	30	400	220	70	90	38	103	26	36	35	33
HPEX-50	50	500	250	60	114	48	117	25	46	40	37.8

HDX Series

BEARING INDUCTION HEATER



Features

- Induction Heater is more safe, reliable & Clean Process.
- Even unskilled labor can be trained to operate the equipment easily.
- High heating rates can be easily achieved.
- Comes with Temperature control & Timer control Options.
- Environmental friendly process as it does not uses oil to heat.
- Automatic Demagnetization.
- Magnetic probe for Temperature detection.
- Keypad Control.

Model	Power	Voltage (V)	Frequency	Electric Current	Bearing Inner Diameter	Maximum Outer Dia (mm)	Max Width of Bearing (mm)	Max Weight of Bearing (Kg)	Column Cross Section (mm)	Column Height (mm)	Heater Weight (Kgs)	Dimension (mm)	Heating Rod Configuration
HDX-P2.0KVA		220V	50/60 Hz	9A	>15	200	110	25	40x40	110	14	420*190*280	10,24,40
HDX-2.0KVA	2	220	50/60 Hz	9A	>15	400	140	25	40x40	-	29	320*320*320	10,24,40
HDX-3.6KVA	3.6	220	50/60 Hz	16A	>30	500	140	40	60x60	-	38	320*320*320	20,30,40,60
HDX-5.0KVA	5	380	50/60 Hz	13A	>30	500	140	60	60x60	-	41	320*320*320	20,30,40,60
HDX-8.0KVA	8	380	50/60 Hz	22A	>30	800	210	125	70X70	200	71	400*320*400	20,40,60,70
HDX-11.0KVA	11	380	50/60 Hz	29	>30	1000	210	250	70X70	200	120	950*560*980	20,40,60,70
HDX-14.0KVA	14	380	50/60 Hz	37	>60	1100	280	550	80X80	300	188	1200*500*960	40,50,60,80
HDX-24.0KVA	24	380	50/60 Hz	63	>85	1100	350	700	100X100	390	260	1340*500*103	60,80,100

INDUCTION HEATER WITH FLEXIBLE COIL



Power	5 KW
Voltage	220V/50/60Hz
Cooling Type	Air and Water
Coil Cable Length	5m or Optional

NOTE : Power KW and Coil Cable Length Customized Optional

HMP Series

Features

- Durable.
- High Quality Chrome Vanadium Steel Material.
- Puller jaws Pass through Special Heat Treatment.
- User-Friendly Design, Comfortable to Use.

Model	Jaw	Capacity (Ton)	Spread (mm)
HMP-746	3	1.50	75
HMP-747	3	3.50	100
HMP-748	3	5.00	150
HMP-875	3	15.00	200
HMP-876	3	18.00	250
HMP-877	3	22.00	300

MECHANICAL PULLERS



BEARING FITTING TOOL KIT

Equipped with special engineering plastic impact rings, fitting Tools is designed for safe, precise and quick mounting of bearing, lining, seal ring, cam and belt pulley etc. The right combination of sleeve and impact ring allows effective transmission of mounting force to the bearing ring with interference fit, which minimize the risk of damaging of the rolling elements and raceways, which can lead to damage. The carefully matched fitting tools ensure that the forces are uniformly transmitted to the side faces of the bearing rings.

Fitting Tools is perfect equipment for mounting small size work pieces such as bearings with inner diameter 10mm-55mm. The quick and precise mounting ensures the original precision of the bearing, extends the bearing's service life. In a word, Fitting Tools avoids the risk of damage to the bearing by using the traditional installing method.

1. 36 pieces of special engineering plastic impact rings (pressed serial number according to different size), are applied to bearings with inner diameter 10-55mm. They ensure avoiding the damage to the bearing, rolling elements and raceways, and prevent producing harmful metal scrap.
2. Hard special engineering plastic sleeves (3 pieces), are light and nonmagnetic.
3. Nylon hammer with no rebound can be used to centralize the strength on the impact surface. And the hammer has plastic double-faces which can prevent the damage to the work piece



HBFT 36 Series

Features

- Ideal for small bearing fittings
- Handy portable kit , can be carried to the site
- Kit contains
1 Nylon Hammer, 33 Rings, 3 Tubes
- Suited for bearings upto OD 120mm
- Aluminium Tubes absorb the shock of hammering safeguarding the bearing



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Our Quality Policy



Each product is tested to the most excruciating standards.

Only this way we can ensure the un-interrupted performance of our products. Our High Quality product matched with the unbeatable enables us to cater to the requirements of the markets. We recognize that consistent satisfaction of customer needs is essential to business survival & we diligently work towards securing a long term partnership. ”

Warranty Statement

Each HYDRAUMAKT Product with the exception mentioned below are warranted against defects in workmanship and materials for the period of one year from the date of delivery to the buyer. The Warranty does not cover any product or part which is abused, heated, damaged, broken, worn out or otherwise altered or used in a manner inconsistent with the instructions or used for a purpose otherwise not intended for.

Electric motors , circuits , batteries , blades, cutters etc. supplied with Hydraumakt tools are not covered under this warranty .

For this warranty to take effect the costumer has to return the defective product to the Hydraumakt or its authorized Distributor on Freight Paid basis. If the Product is found to be defective by Hydraumakt as per the conditions stated above, the Hydraumakt shall repair or replace the product on its discretion and the same shall be returned on Freight Pre Paid basis.

The Warranty is limited to the Hydraumakt product and not extended beyond their product or any incidental ancillary.

HYDRAUMAKT

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