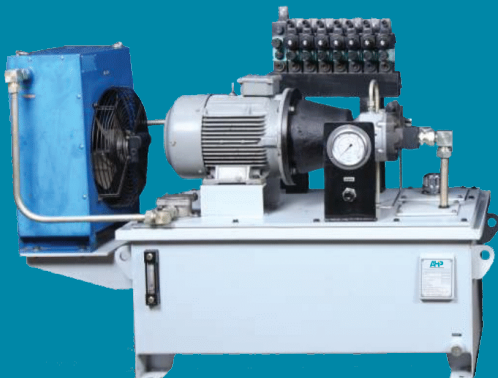
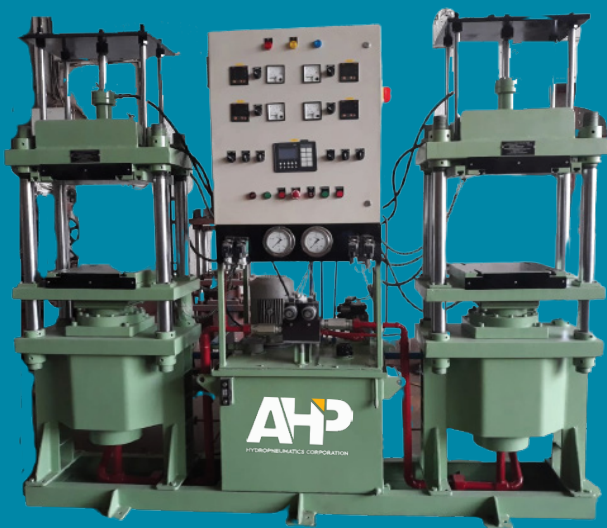


Product Range of

Hydraulic Cylinders | Hydraulic Power Packs

Hydraulic Press Machine | Hydraulic Hose Pipes



ENCLOSURE SOLUTIONS BY
AHP HYDROPNEUMATICS CORPORATION

SPECIALIZED,

DEDICATED SERVING ATTENTIVELY !

AHP Hydro-Pneumatic Corporation is a reputed name in the field of Hydraulics and Pneumatics components. Mr. Suresh Baviskar, a qualified, experienced and techno savvy enthusiast established the company in 2012. In a very short span, AHP has earned for itself the status of being a reliable supplier and trader of a wide range of high quality components and products required by various industries for different applications.

The business philosophy of AHP embodied lofty principles such as strict adherence to highest product quality, most reasonable product prices, timely deliveries, ethical business practices and prompt service. As a result of these attributes, today AHP takes due pride in its widening customer base, growing product range and heightened customer satisfaction. As AHP believes in maintaining long-term relationships with its customers, today it can boast of a number of repeat buyers in its client list. Come to AHP for complete solutions in Hydropneumatics.

CONTENT

- HYDRAULIC CYLINDER
- HYDRAULIC POWER PACKS AND DC POWER PACKS
- HYDRAULIC PRESS MACHINE
- HYDRAULIC HOSE
- HYDRAULIC HOSES TECHNICAL SPECIFICATION
- HYDRAULIC SPECIAL PURPOSE MACHINE
- HYDRAULIC PRESS ALL TYPE



HYDRAULIC CYLINDERS

AHP delivers precision engineered hydraulic cylinders, components, solutions and truck hydraulics components to OEMs in the infrastructure and related industries.

Engineered with high-end state-of-the-art technology, our hydraulic cylinders are largely utilized for applications in fine feed or high speed, fluid power for pushing and pulling, static and dynamic load, short or long strokes or combinations of these and other requirements.

Features :

- Design - As Per ISO 6020/2
- Hydraulic Cylinders For Medium Duty, Heavy Duty And High Pressure Applications
- Pressure - Up To 350 Bar
- Stroke - Up To 8000mm
- Surface Finish With Ra Value Less Than 0.3 Microns

Applications :

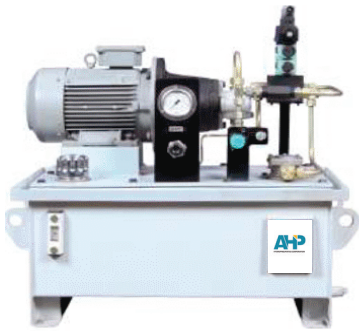
- Hydraulic cylinders for blast furnaces, hot and cold rolling mills, furnace tilt cylinders
- Die holding cylinders for casting industry ■ Pusher cylinders for forging industry ■ Special Purpose Machines
- Earth moving industries ■ Farming machines ■ Industrial machines, road rollers and crawler drills, tractors and fork lifts
- Machine tools, construction machinery ■ Material and cargo handling ■ Industrial applications

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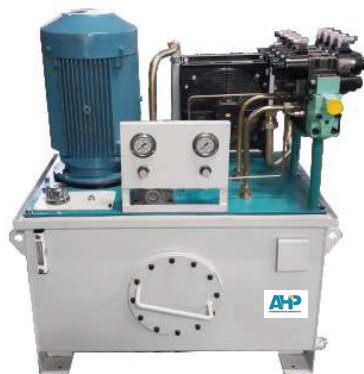
Website : www.ahphydropneumatics.com

HYDRAULIC POWER PACK



Hydraulic Power pack - 280 Bar
Vikram Sarabhai Space Center

Hydraulic Flushing Unit
Hindustan Shipyard Limited



Features :

- Flow - Up to 450 lpm
- Pressure - Up to 400bar
- All Pumps, valves are of internationally reputed makes such as Rexroth/ Eaton/Yuken/Polyhydron/Dowty
- Heavy-duty pumps are of Rexroth, Eaton, Polyhydron, Danison makes for trouble-free operation.

Applications

- Hydraulic Power Unites For Power Plants, Steel Industries, Machine Tool, Presses And Marine Applications,
- Hydraulic Test Benches Fro Hydraulic Valves And Pumps
- Lubrication Systems, Valve Stations For Steel Industry
- Hydraulic Flushing Systems With Hydraulic Oil And Water Glycol For Defence Industry



Punching Machine



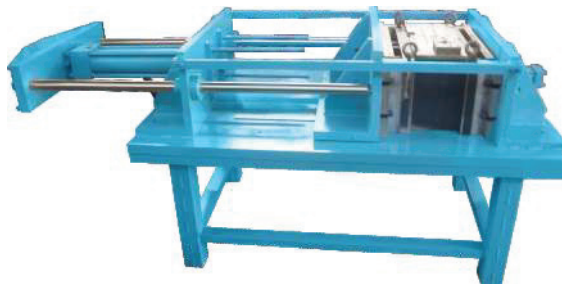
5 Ton Pillar Type Press



Compressive Strength Testing Machine



Trimming Machine



Gravity Die Casting Machine



1 Tons "C" Type Press

Features :

- Capacity - Up to 500 Ton
- Pressure - Up to 300 Bar

Applications :

- Hydraulic Press for Blanking Operation
- Rubber Molding Press
- Cutting
- Tilting Press

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HYDRAULIC DIE SPOTTING PRESS



Features :

- Capacity - Up to 500 Ton
- Pressure - Up to 200 bar
- Bottom Bolster Hydraulic movement
- Accurate slide guiding arrangement
- Accurate slide parallelism arrangement
- Fabricated, ultrasonically tested steel construction frame
- Mechanical locking arrangement for operator safety.
- PLC control panel for electronic control

Applications

Die spotting presses are used with various applications, especially for the verification and manufacturing of molds and dies. In addition to the dimensions defined according to the mold or die to be proved, the required force is generally lower than in production presses. These items focus on checking the contacting surfaces between the lower and upper parts of the die. Spotting presses are also defined by their exigent characteristics when it comes to stopping and guiding positions. Next, molds are less exigent in guiding, with column guides normally being used. On the other hand, the general recommendation is to add tilting devices in both the bolster and slide, which will improve the ergonomics of skilled workers who are fitting the mold.

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HYDRAULIC PRESSES

AHP offers a broad range of industrial presses engineered to meet clients' specific application requirement. Every press is constructed with a virgin mild steel frame for highest stability and rigidity.

These advanced industrial presses can be integrated with PLC controller for fully automated production.

Application-based engineering guarantees customized, economical solutions.



Features :

- Capacity - Up to 500 Ton
- Pressure - Up to 300 bar
- Fabricated, ultrasonically tested steel construction frame.
- Accurate slide guiding arrangement
- Bottom cushioning arrangement
- Stroke limiter and damping device
- Efficient and low noise hydraulic drive systems accurate slide parallelism arrangement
- Operator safety system
- Cylinder fast approach, slow pressing and fast return speed.



AHP offers a broad range of industrial presses engineered to meet clients' specific application requirement. Every press is constructed with a virgin mild steel frame for highest stability and rigidity.

These advanced industrial presses can be integrated with PLC controller for fully automated production. Application-based engineering guarantees customized, economical solutions.



60 Ton Hydraulic Press
Ordnance Factory Dehuroad



100 Tons Hydraulic Press

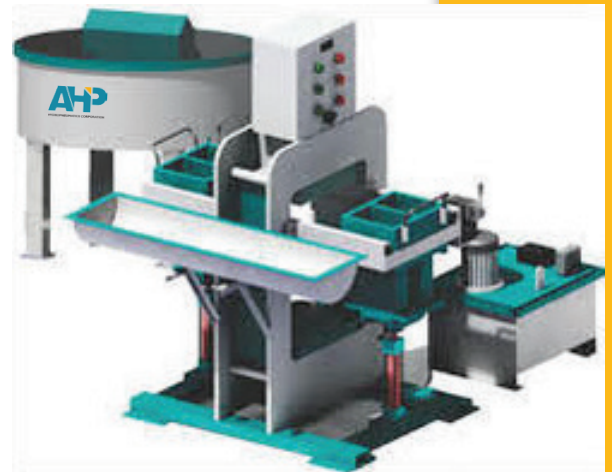


80 Tons 'C' Types Press



400 TON Hydraulic Press

Fly Ash Brick Machine



Semi Automatic Brick Machine



Rubber Moulding Hydraulic Press



ALL TYPE OF HYDRAULIC HOSES

- R1, R2, R3, R6 and R9
- Air Water Hose
- Pneumatic Tools Hose
- Carbon Free Hose
- Rock Drill Hose
- Super Rock Drill Hose
- Sandblast Hose and Super Sandblast Hose
- Chemical Hoses, Steam Hose and LPG Hose
- Garden Hose (ECO) and Garden Hose Regular
- PVC Steel Spring Hose (Thunder Hose)
- 4SP High Pressure Hose



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TECHNICAL SPECIFICATION FOR HYDRAULIC HOSES

100 R1 AT / 1SN HOSE

Reference standard : EN857 1SC / ISO 11237-1SC

Construction : **Tube** : Oil resistant synthetic rubber blend.

Reinforcement : One high tensile carbon steel wire braid.

Cover : Oil, wether, abrasion, ozone and heat resistant synthetic ribber blend.

Working temperature : -40°C to + 100°C

Application : Hydraulic system low-medium pressure lines and return lines.

Product code	HOSE SIZE		BRAID OD	OD	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	WEIGHT
	inch	metric mm			bar	psi	bar	psi		
SERPPL										
HWS A06MF	1/4"	6.3	11.1	13.4	225	3263	900	13050	75	220
HWS A08MF	5/16"	8	12.7	15	215	3118	860	12470	86	260
HWS A10MF	3/8"	10	15.1	17.4	180	2610	720	10440	94	345
HWS A12MF	1/2"	12.5	18.3	20.6	160	2320	640	9280	135	435
HWS A16MF	5/8"	16	21.4	23.7	130	1885	520	7540	150	515
HWS A19MF	3/4"	19	25.4	27.7	105	1523	420	6090	180	655
HWS A25MF	1.0"	25	33.3	35.6	90	1305	360	5220	225	975
HWS A31MF	1 1/4"	31.5	40.5	43.5	65	943	260	3770	315	1300
HWS A38MF	1 1/2"	38	46.8	50.6	50	725	200	2900	375	1600
HWS A51MF	2.0"	51	60.2	64	40	580	160	2320	473	2200

100 R2 ST HOSE (Thicker Cover)

Reference standard : EN853 2ST / ISO 1436-1 2ST

Construction : **Tube** : Oil resistant synthetic rubber blend.

Reinforcement : Two high tensile carbon steel wire braid.

Cover : Oil, weather, abrasion, ozone and heat resistant synthetic ribber blend.

Working temperature : -40°C to + 100°C

Application : Hydraulic system high pressure lines and return lines.

Product code	HOSE SIZE		BRAID OD	OD	MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS	WEIGHT
	inch	metric mm			bar	psi	bar	psi		
SERPPL										
HWS K06MF	1/4"	6.3	12.8	17.0	400	5800	1600	23200	75	430
HWS K08MF	5/16"	8	14.2	18.6	350	5075	1400	20300	86	490
HWS K10MF	3/8"	10	16.7	20.9	330	4785	1320	19140	94	620
HWS K12MF	1/2"	12.5	19.7	24.1	275	3988	1100	15950	135	730
HWS K16MF	5/8"	16	23.0	27.3	250	3625	1000	14500	150	890
HWS K19MF	3/4"	19	26.9	31.3	215	3118	860	12470	180	1080
HWS K25MF	1.0"	25	34.8	38.8	165	2393	660	9570	225	1480
HWS K31MF	1 1/4"	31.5	44.5	49.5	125	1813	500	7250	315	2190
HWS K38MF	1 1/2"	38	50.8	55.9	90	1305	360	5220	375	2520
HWS K51MF	2.0"	51	63.5	68.5	80	1160	320	4640	473	3250

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INDIA MAP



*Technical changes reserved

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