

PHA-8

- Press **MECAMAQ** for injection, It has a power of 8 Tm.
- The low table is of 800 x 700 mm and the superior 650 x 400 mm, the plate ejector is of 700 x 350 mm.
- The maximum opening between tables 1.200 mm, and the principal cylinder has a course of 900 mm.
- Auxiliary connections for holes, mouthpieces and closing of the molds.
- All the movements are controlled for encoder linearly and are programmable by means of tactile digital screen.
- Chassis made of 4 cylindrical columns of Ø80 mm and protections for doors with switches and photoelectric barriers of safety.



PHA-30

Aluminium Trimming Press

- 30 tons capacity.
- 950 x 750 mm usable plate measures.
- 900 mm opening between plates.
- 300 mm upper plate slide.
- Two-speed gravity controlled slope.
- 12.5 HP engine power.
- Machine weight: 4.200 Kg / 4.2 tons.



PHA-30

- The press **MECAMAQ** type PHA-30, it has a power of 30 Tm, by means of a cylinder of double effect.
- The dimensions of the tables are of 1.200 x 1.000 mm between columns, with 4 guides Ø80 mm and tips of bronze.
- The course of the top table, 400 mm and the maximum opening between tables, 900 mm.
- Hydraulic group with 2 speeds, rapid speed 70 mm x second and speed of work, 23 mm x second.
- The regulation of courses of work is for ends of stops and that of pressure for electrical switch.
- He has photoelectric barriers of CAT-4.



PHA-40

- 40 tons capacity.
- 1.000 x 550 mm usable plate measures.
- 4 track slide guidance.
- 800 mm opening between plates.
- 250 mm upper plate slide.
- Two-speed, proximity and operation.
- 4 HP engine power.
- Pneumatic door of security.



PHA-80

Features

Power (tons)	80
Stroke (mm)	800
Maximum opening (mm)	1300
Engine power (HP)	7,5
Pressing speed (mm/min)	1500 / 360
Max. pressure (Bar)	320



PHA-80

- Press **MECAMAQ** for production in the sector of the car, It has a power of 80 Tm.
- Dimensions of tables between columns of 1.400 x 1.400 mm, with an opening of 1.700 mm, and course of the top table of 500 mm.
- Hydraulic group with bomb of changeable wealth of maximum speed to 60 mm x second and work 15 mm x second.
- Power of the engine: 15 Hp.
- Maximum pressure: 250 Bars.
- Electrical box with automaton SIEMENS and tactile screen for the programming of all the parameters.



PHA-100

- 100 Tn power via two cylinders.
- 2.800 x 1.000mm benches.
- 500 mm opening between benches.
- 100 mm upper bench route.
- 2 speeds, approximation and operation.
- 10 Hp engine power.
- Course control via end of track.
- Pressure control via electrical pressure switch.



PHA100R 5231

Features

Power (tons)	100
Stroke (mm)	320
No. columns	4
Columns Ø (mm)	110
Lower plate (mm)	1000x800
Upper plate (mm)	1000x800
Maximum opening (mm)	600
Engine power (HP)	10
Approximation speed (mm/s)	140
Working speed (mm/s)	25-9
Max. pressure (Bar)	260
Height (mm.)	2700
Width (mm.)	1500
Depth (mm.)	1720
Weight (Kg.)	6850



PHA100R 5429

Features

Power (tons)	100
Stroke (mm)	300
No. columns	4
Columns Ø (mm)	90
Lower plate (mm)	700x700
Upper plate (mm)	700x700
Maximum opening (mm)	700
Engine power (HP)	10
Approximation speed (mm/s)	140
Working speed (mm/s)	9
Max. pressure (Bar)	260
Height (mm.)	2875
Width (mm.)	1660
Depth (mm.)	1390
Weight (Kg.)	4700



PHA-120

- 120 Tn. two-cylinder power.
- 1.800 x 900 mm benches.
- 500 mm opening between benches.
- 200 mm upper bench route.
- 2 speeds, approximation and operation.
- 7.5 Hp engine power.
- Course control via end of travel.
- Pressure control via electrical pressure switch.
- Equipped with cushion.



PHA-200

- Power of the machine 200 Tm by means of 1 main cylinder + 2 auxiliary cylinders for the fast speed.
- Upper and lower plates dimensions 1.400 x 1.400 mm.
- Upper plate guided by means of 4 cylindrical columns Ø100 with bronze fittings.
- Maximum opening between plates: 1.500 mm.
- Stroke of the cylinder: 1.100 mm.
- Main hydraulic system with hydraulic pump with variable volume of flow with fill up valve for the main cylinder.
- Approximation speed: 130 mm/seg.
- Recoil speed: 170 mm/seg.
- Maximum-minimum work speed: 25-9 mm/seg.
- Engine power: 20 Hp (15 Kw).
- Maximum pressure for hydraulic system 310 Bars.
- Control of the machine by means of SIEMENS tactile panel (7").
- Photoelectric barriers for safe on the front side.
- Weight: 15.000Kg.



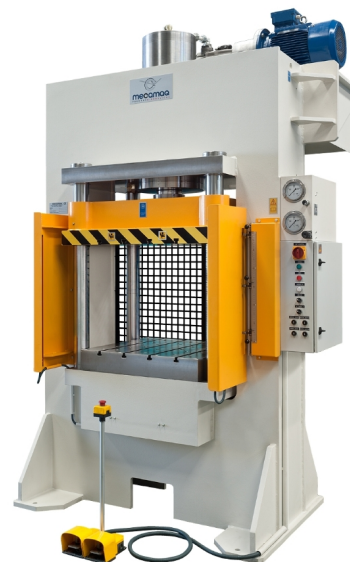
PHA-200C

- Press **MECAMAQ** of manufacture to measure, used for the manufacture of signs and informative panels in road.
- It has a power of 200 Tm with useful tables between columns of 2.300 x 1.300 mm.
- The opening between tables is of 1.200 mm and the course of 500 mm.
- Hydraulic group Bosch Rexroth with bomb of pistons of changeable wealth, driven by an engine of 20 Hp.
- The machine takes installed a hydraulic cushion of 80 Tm with a plate of 1.200 x 800 mm guided by four cylindrical columns.
- Ride installed a system of antifallen safety of the mobile table and protection of the zone of work with safety fences.



PHA-200

- Hydraulic press **MECAMAQ** 200 Tm type PHA-200-C
- 200 Tm capacity with 1 double effect cylinder 600 mm of stroke
- Lower plate 800 x 800 mm
- Upper plate 800 x 800 mm
- Maximum opening between plates 800 mm
- Hydraulic group with pistons pump of variable flow
- Engine power 15 Hp
- Hydraulic cushion with 100Tm capacity with plate 700 x 700 mm
- Hydraulic ejector 10 Tm capacity
- Photoelectric barrier for safe on front side
- Application: deep drawing for steel pieces



PHA300 5084

Features

Power (tons)	300
Cylinder stroke (mm)	500
No. columns	4
Columns Ø (mm)	130
Lower plate (mm)	1400x1400
Upper plate (mm)	1400x1400
Maximum opening (mm)	600
Engine power (HP)	25
Approximation speed (mm/s)	27
Working speed (mm/s)	6
Max. pressure (Bar)	320
Height (mm.)	3000
Width (mm.)	2200
Depth (mm.)	2000
Weight (Kg.)	16500



PHA300 5267

[WATCH VIDEO](#)

Features

Power (tons)	300
Stroke (mm)	1500
No. columns	4
Columns Ø (mm)	200
Lower and upper plate (mm)	2200x1800
Maximum opening (mm)	2200
Engine power (HP)	25
Approximation speed (mm/s)	25
Working speed (mm/s)	1-6
Max. pressure (Bar)	290
Height (mm.)	5250
Width (mm.)	3250
Depth (mm.)	4500
Weight (Kg.)	32500



PHA300C 5758

Features

Power (tons)	300
Stroke (mm)	900
No. columns	4
Columns Ø (mm)	110
Lower and upper plate (mm)	1200x1000
Maximum opening (mm)	1300
Engine power (HP)	40
Approximation speed (mm/s)	40
Working speed (mm/s)	11
Max. pressure (Bar)	310
Cushion plate (mm)	800x800
Cushion power [tons]	120
Cushion stroke [mm]	400
Height (mm.)	4250
Width (mm.)	2400
Depth (mm.)	1870
Weight (Kg.)	14000



PHA300RC 5471

Features

Power (tons)	300
Stroke (mm)	600
No. columns	4
Columns Ø (mm)	110
Lower plate (mm)	1200x1000
Upper plate (mm)	1200x1000
Maximum opening (mm)	800
Engine power (HP)	25
Approximation speed (mm/s)	130
Working speed (mm/s)	5
Max. pressure (Bar)	320
Cushion plate (mm)	500x500
Cushion power [tons]	125
Cushion stroke [mm]	250
Height (mm.)	3470
Width (mm.)	2370
Depth (mm.)	1740
Weight (Kg.)	13000



PHA-300

- 300 Tn power.
- 1.350 x 1.350mm usable bench measurements.
- 500 mm opening between benches.
- 300 mm upper bench route.
- Hydraulic motor with variable flow piston pump.
- 30 Hp engine power.
- 60 Tn. hydraulic cushion, with 1.200 x 1.200mm plate.



PHA-350

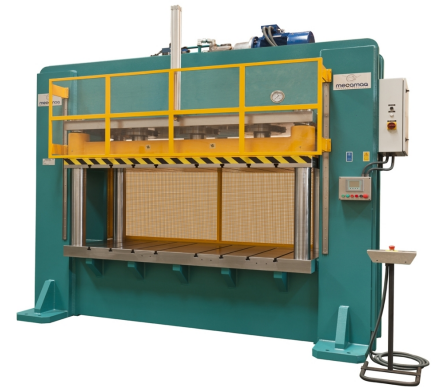
Press for die-casting tests

- 350 Tn power, via 3 cylinders.
- 3.000 x 1.200mm workbench.
- 950 mm opening between benches.
- 500 mm upper bench route.
- Hydraulic motor with variable flow piston pump.
- 40 Hp engine power.
- Extractable motor-driven lower bench.



PHA-400

- **Hydraulic press MECAMAQ** type rigid arcade, with guided upper plate by 4 cylindrical columns, 400 tons.
- Reference PHA-400.
- 400 Tm capacity.
- The upper plate is activated with 3 cylinders.
- Stroke of cylinders 250 mm.
- Upper plate dimensions 2100 x 900 mm.
- Lower plate 2100 x 900 mm.
- Upper plate is guided by 4 cylindrical columns Ø140 mm with bronze sleeves.
- Maximum opening between plates 900 mm.
- Hydraulic group with pistons pump variable volume of flow.
- Approximation speed: 17 mm x second.
- Work speed: 55 mm x second.
- The maximum pressure of the hydraulic group is 270 bars.
- 25 Hp engine power with star/delta starting mechanism.
- Regulation of the stroke distance and pressure of work with tactile panel (encoder and transducer).
- Machine weight: 17.000 Kg / 17 Tons.
- **Applications: press for die tests.**



PHA-400

- 400 Tn power, via 4 cylinders.
- 2.500 x 1.500 mm usable bench measurements.
- 1.000 mm opening between benches.
- 500 mm upper bench route.
- Hydraulic motor with variable flow piston pump.
- 50 Hp engine power.
- 100 Tn hydraulic cushion, with 1.500 x 1.000 mm plate.
- Weight: 35.000 Kg approx.



PHA500R 5353

Watch video: <https://www.youtube.com/watch?v=lQ2eZjCvrOs>

Features

Power (tons)	500
Stroke (mm)	400
No. columns	4
Columns Ø (mm)	120
Lower plate (mm)	2500x1300
Upper plate (mm)	2500x1300
Maximum opening (mm)	800
Engine power (HP)	30
Approximation speed (mm/s)	100
Working speed (mm/s)	4
Max. pressure (Bar)	295
Height (mm.)	3590
Width (mm.)	4320
Depth (mm.)	1830
Weight (Kg.)	29000



PHA-500

- Press **MECAMAQ** of manufacture to measure, used for works of forming and cut of lids of deposits and vats.
- Power 500tm with a surface of work useful 1.200 x 1.200 mm.
- Opening maximum between tables of 800 mm and course of 500 mm.
- Hydraulic cushion of double effect and 250 Tm with a plate of 750 x 750 mm.
- Hydraulic group Bosch Rexroth with bomb of pistons of changeable wealth driven by an engine of 30 Hp, obtaining a speed of 25 mm x second.
- All the adjustments of course, change speed, pressures and times so much of the press like the cushion are realized by a control by tactile screen of programming. Incorporates system of antipalen safety of the mobile table and protection of the zone of work into photoelectric safety fences.
- The weight of the machine is of 25.000 Kg.



PHA600RC 4983

Features

Power (tons)	600
Columns Ø (mm)	110
Lower and upper plate (mm)	1200x1100
Maximum opening (mm)	900
Engine power (HP)	40
Approximation speed (mm/s)	100
Working speed (mm/s)	5
Max. pressure (Bar)	280
Height (mm.)	22000
Machine dimensions (m)	2,45x1,90x4,10



PHA600RC 5707

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Features

Power (tons)	600
Stroke (mm)	700
No. columns	4
Columns Ø (mm)	120
Lower and upper plate (mm)	1500x1150
Maximum opening (mm)	900
Engine power (HP)	40
Approximation speed (mm/s)	100
Working speed (mm/s)	5
Max. pressure (Bar)	300
Cushion plate (mm)	1250x1000
Cushion power [tons]	300
Cushion stroke [mm]	200
Height (mm.)	4180
Width (mm.)	2800
Depth (mm.)	2100
Weight (Kg.)	24500



PRI-100 4491

Features

Power (tons)	100
Stroke (mm)	300
Vertical opening useable (mm)	600
Lower and upper plate (mm)	1000x700
Engine power (HP)	7,5
Approximation speed (mm/s)	35
Working speed (mm/s)	5
Max. pressure (Bar)	315
Machine dimensions (m)	1,70x1,10x3,0
Weight (Kg.)	5000



PRI-200RC 4740

Features

Power (tons)	200
Stroke (mm)	800
Lower and upper plate (mm)	1500x1300
Maximum opening (mm)	1000
Engine power (HP)	15
Approximation speed (mm/s)	140
Working speed (mm/s)	5-25
Max. pressure (Bar)	270
Cushion power [tons]	80
Cushion stroke [mm]	200
Machine dimensions (m)	2,30x1,76x4,10
Weight (Kg.)	18000



PRI-800E 4441

Features

Power (tons)	800
Stroke (mm)	800
Lower and upper plate (mm)	2000x1500
Maximum opening (mm)	1000
Engine power (HP)	30
Approximation speed (mm/s)	75
Working speed (mm/s)	1 a 3
Max. pressure (Bar)	270
Machine dimensions (m)	3,30x3,30x4,70
Weight (Kg.)	46000

