

HIDROGARNE

Specialists in the manufacture of tailormade hydraulic presses

S SERIES



ENGLISH

S SERIES

We have designed the S-series hydraulic presses with five different power ranges, from 80 to 200 tonnes.

Specifically designed to perform work involving extraction, threading, straightening, etc.

STRUCTURE AND TABLES

S-series hydraulic presses consist of an electro welded structure of 4 stanchions with open sides.

These models feature a mobile bed which enables the equipment to be positioned at different heights. The equipment is secured by means of two center pins located beneath the bed. The raising and lowering system is operated by means of chains activated by the press cylinder.

Two different models are available:

SD models: This model features a fixed head.

SL models: This model is equipped with a movable head and a manual locking system. Moved by rollers.

CYLINDER AND HYDRAULIC GROUP

The cylinder is double acting with chrome plunger and maintenance-free anti wear guides, it's fitted with a removable and interchangeable hold-down plate to avoid its deterioration.

One-speed motorized hydraulic unit.

The cylinder is activated by means of a lever-operated hydraulic distributor.

OPTIONAL ACCESSORIES:

- Manual elevation bed equipped with manual spiral crown reducer.
- Front pressure regulator.
- Cylinder stroke of 450 mm.
- Folding equipment 415 mm long. Promecam clamping.
- Additional single speed manual pump, allows two types of manual and motorized operation.
- Cylinder anti-rotation.
- Operation by low voltage electric pedals.
- Millimetered limit switches with cylinder anti-rotation and pedal operation.
- Two-speed hydraulic unit.
- Set of 7 pushers with adapter and plate (Ø 10-12-15-17-20-25-30 mm).
- Set of "V" blocks.
- Geometry adapted to your needs.

ELECTRICAL INSTALLATION, CONTROL AND SAFETY

Electric installation equipped with an engine guard and emergency stop device.

They are supplied with machined support flat blocks, a glycerin gauge with reading in tonnes, hydraulic oil and an instructions manual.

It meets and satisfies all the essential health and safety requirements in accordance with the EC standard.

All our hydraulic presses work with hydraulic pressure lower than 320 bar to ensure the greater durability of the hydraulic system as a whole.

| Model | Power | Motor power | Working speed | Return speed | Maximum pressure | Piston stroke | Headstock displacement | Frontal light | Lateral light | Max. vertical light | Bed light | Total front | Total lateral | Total height | Weight |
|--------|-------|-------------|---------------|--------------|------------------|---------------|------------------------|---------------|---------------|---------------------|-----------|-------------|---------------|--------------|--------|
| | tn | kw | mm/s | mm/s | bar | mm | mm | mm | mm | mm | mm | mm | mm | mm | kg |
| SD-80 | 80 | 3 | 3.8 | 4.7 | 320 | 250 | -- | 1.050 | 210 | 1.020 | 255 | 1.530 | 980 | 2.275 | 690 |
| SD-100 | 100 | 3 | 3.1 | 4.1 | 320 | 250 | -- | 1.050 | 230 | 1.020 | 285 | 1.595 | 980 | 2.315 | 930 |
| SD-150 | 150 | 4 | 3.1 | 4.0 | 320 | 250 | -- | 1.050 | 290 | 860 | 355 | 1.660 | 1.180 | 2.405 | 1.500 |
| SD-200 | 200 | 5.5 | 3.1 | 4.8 | 350 | 250 | -- | 1.050 | 290 | 815 | 355 | 1.660 | 1.180 | 2.470 | 1.875 |
| SL-100 | 100 | 3 | 3.1 | 4.1 | 320 | 250 | 1.050 | 1.500 | 280 | 960 | 345 | 2.090 | 1.180 | 2.660 | 1.830 |
| SL-150 | 150 | 4 | 3.1 | 4.0 | 320 | 250 | 1.000 | 1.500 | 340 | 955 | 405 | 2.150 | 1.180 | 2.805 | 2.350 |
| SL-200 | 200 | 5.5 | 3.1 | 4.8 | 350 | 250 | 1.000 | 1.500 | 340 | 915 | 405 | 2.150 | 1.180 | 2.855 | 2.620 |

HIDROGARNE reserves the right to introduce modifications and improvements without previous notice.

ADVANCEMENT

HARDINESS STRENGTH CONTROL

VERSATILITY



SD-100



415 mm long folding tools set



SL-100



Set of punches, adapter

HIDROGARNE

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WHO WE ARE

Active in the market since 1987. A corporate trajectory which began with the supply of machinery exclusively for the Spanish market, we gradually branched out into several different European countries and we are now exporting our hydraulic presses to over 25 countries all over the world.

We are backed by over 37 years of experience in innovation, quality and commitment to our customers. Our continuous progress over all these years has led to us becoming leaders in the manufacture of hydraulic presses.

Convinced of the quality of our hydraulic presses, we have extended our manufacturing guarantee to a period of 2 years.

Our entire range of hydraulic presses is totally manufactured by HIDROGARNE.

We are specialized in making hydraulic presses with the capacities, measurements and technical characteristics adapted to your needs.

Made in Spain