

# HIDROGARNE

Specialists in the manufacture of tailormade hydraulic presses

## CD SERIES



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# CD SERIES

We have designed the CD-series with **four different power ranges, from 50 to 150 tonnes.**

Specifically designed to **perform work involving deep-drawing, stamping, die-cutting, forming, etc.**

The latest generation CD series hydraulic presses **now feature a wide range of uses including the possibility of incorporating these machines in automatic production lines.**

## OPTIONAL ACCESSORIES:

- Punching tools set for diameters from 6 mm up to 40 mm with anti-deformation elastic hold-down
- Punching tools set for diameters from 6 mm up to 100 mm with anti-deformation elastic hold-down
- Punching tools set for diameters from 6 mm up to 160 mm
- 415 mm long folding tools set
- Mechanical regulation of the cylinder (only available of 80 and 100 tons)
- Hydraulic cushion
- Hydraulic ejector
- Cooling equipment for hydraulic group by an air-oil system
- Geometry adapted to your needs

CD-series hydraulic presses consist of an electro welded structure made solely of ST-52.3. steel. **They are stabilised and machined at the end of the structural welding process** to ensure perfect parallelism and precision. **Calculated and designed by finite software with level 5 structural resistance.** With all of this, **we always guarantee our high precision and quality standards.**

These models are equipped with a **mechanized lower CK-42 stainless steel table with 2 "T" DIN-650 grooves.**

**The cylinder is double acting** with a lapping liner, chrome plunger and maintenance-free anti wear guides, it's **fitted with a removable and interchangeable hold-down plate** to avoid the deterioration of the plunger **and machined at the end to adapt tools, moulds and matrix.** **Anti-turning of the cylinder and a squared front with stroke endings come as standard which enable us to conveniently regulate the cylinder stroke.**

**The motorised two-speed hydraulic unit** has automatic rapid speed disconnection. It includes a **cylinder decompression valve.** **A pressure regulator comes as standard which allows the regulation of the most appropriate pressure** for each kind of pressing.

The control panel features a **switch** enabling the user to select the desired type of **work in a manual or semi-automatic position** and a switch to select either **the fast approach speed or slow operational speed.**

**Operation** is carried out by **two-hand push button with level IV security module.**

**Safety is guaranteed** by the use of two **fixed lateral protections** and with a maximum **front opening of 650 mm.**

**They allow** the installation of a **hydraulic cushion or a hydraulic ejector.**

**They are supplied with 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	Throat depth	Working speed	Approaching speed	Return speed	Maximum pressure	Piston stroke	Lower table	Max. vertical light	Working height	Total front	Total lateral	Total height	Weight
	t	kw	mm	mm/s	mm/s	mm/s	bar	mm	mm	mm	mm	mm	mm	mm	kg
CD-50	50	4	265	6.3	30	42	320	250	450x450	400	850	960	1.350	2.020	1.480
CD-80	80	4	290	5.7	28	40	320	250	500x500	400	850	1.000	1.500	2.020	1.750
CD-100	100	5.5	325	6.2	30	49	320	250	550x550	400	900	1.050	1.650	2.160	2.340
CD-150	150	7.5	375	4.0	26	40	320	250	650x650	400	950	1.095	1.850	2.295	3.220

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

ADVANCEMENT

HARDINESS STRENGTH CONTROL

VERSATILITY



CD-80  
Punching tools set for diameters from  
6 mm up to 160 mm

Punching tools set for diameters from  
6 mm up to 160 mm

# HIDROGARNE

Molí d'en Pertxe, nau 1  
25265 CASTELLNOU DE SEANA - LLEIDA - SPAIN  
Tel. +34 973 320 666 Fax +34 973 321 312  
info@hidrogarne.com

## 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 20 countries all over the world.**

We are backed by over **25 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**

[www.hidrogarne.com](http://www.hidrogarne.com)

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