

HIDROGARNE

Specialists in the manufacture of tailormade hydraulic presses

CF SERIES



CF SERIES

We have **designed** the CF-series hydraulic presses with **three different power ranges, from 80 to 150 tonnes.**

Specifically designed to **perform work involving deep-drawing, stamping, die-cutting, forming, etc. for medium and high volumes.**

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

OPTIONAL ACCESSORIES:

- Valve to prevent water hammer
- Adaptations to robotics
- Hydraulic connections for peripheral systems
- Hydraulic cushion
- Hydraulic ejector
- Geometry adapted to your needs

CF-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 and upper CK-42 stainless steel table with four "T" DIN-650 grooves.** The **upper table ensures perfect alignment** by means of four **cylindrical lateral guides with anti-friction bimetallic caps** which require no maintenance.

The main cylinder is single-acting with a lapping liner, chrome plunger and maintenance-free anti wear guides.

For **quick approaching and returning, 2 double-acting lateral cylinders** with lapping liner, chrome plunger and non-wearing guides **have been installed, which allows us a fast approach and return speed.**

A motorized hydraulic unit with a pre-filing valve for approaching and returning and a fixed flow rate pump for working at constant pressure.

It is equipped with a non-return valve, a pressure relief valve, a decompressing valve and an **air-oil cooling system.**

The control panel features a **Siemens NC** enabling the user to select the desired type of work in a **manual or automatic position, regulate the working pressure and choose the high or low approach speed.** Permits the **programming of 99 different working cycles.**

Operation is carried out by **low voltage electric pedals.**

Safety is guaranteed by the use of **lateral protections** and with **level IV photoelectrical sensors** situated at the front.

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.**

These hydraulic presses work with hydraulic pressure lower than 290 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	Upper 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	mm	kg
CF-80	80	7.5	340	9.9	110	160	290	450	800x550	650x400	650	850	1.260	1.500	2.640	2.980
CF-100	100	7.5	375	7.9	110	160	290	450	850x600	700x450	650	900	1.310	1.950	2.790	3.820
CF-150	150	7.5	400	5.2	70	105	290	450	900x650	750x500	650	950	1.360	2.135	2.910	4.100

ADVANCEMENT

HARDINESS STRENGTH CONTROL

VERSATILITY



NC SIEMENS SIMATIC KTP-700
Touch Screen



Lower hydraulic cushion and ejector

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 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

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