PH Hydraulic press

general features

The PH hydraulic press is specially designed for emptying high viscosity pastes contained in vats, tanks or cylindrical drums, either metallic or fibre, with smooth or ribbed surface.

They are suitable for unloading or packaging silicone putties, greases, lubricants, butyls, as well as other products of medium viscosity and low fluidity.

Lleal presses are built with a robust structural bedplate, capable of withstanding the pressure generated by the unloading plate. The bedplate is generally made of carbon steel or, on request, stainless steel (for laboratory versions).

In its upper part it has a hydraulic cylinder, with a shaft coupled to the press plate, whose diameter is adapted to the process tank or drum and built in stainless steel or carbon steel, as required. In the lower part of the bedplate, there is a platform for lifting the tank to the working position, with a locking mechanism and driven by a single hydraulic power unit also acting on the press plate.

As a complement to this equipment, for direct emptying into a container, a volumetric dosing unit can be incorporated, type DH with a capacity of 500 to 5,000 cc, also hydraulically operated.

WATCH VIDEO

Hydraulic press PH-45, designed for emptying drums with active pharmaceutical ingredients

Technical Data

Model	Hydraulic power plant kW	Pressure bar	Max. tank diameter mm	Max. tank height mm
PH-30	0,55	7	300	250
PH-45	5,5	7	450	530
PH-75	5,5	7	800	700
PH-100	7,5	7	1.000	900
PH-130	7,5	8	1.300	950
PH-150	15	8,5	1.500	1.700

Hydraulic Press PH-75