

5.1. SKBM SERIES HYDRAULIC PRESS-OUT MACHINES

AREAS OF USE

It is widely used to discharge high viscosity products of various specifications from the production vessels or even use with the filling unit. Generally used in the construction chemicals manufacturing sector, the machine is able to press-out even the most intense products out of the vessel without any difficulty and perform filling or discharging process, thanks to its structure and operating system.



STANDARD SPECIFICATIONS

Hydraulic press-out machines which have working principle with electro-hydraulic system can be used not only for vessel discharging but also for filling. Thanks to the filling unit of the machine, it is possible to fill the buckets, cans or cartridges or both at the desired ranges provided that pre-production notification is made. The filling unit makes the filling process in a semi-automatically either volumetric or gravimetric way according to the type and filling range of the product. By specifying the filling range, the filling cylinder diameter is selected, and a specific filling range is presented to the user. It can fill from 500 gr to 30 kg as standard in models with filling unit. They are manufactured to serve vessels of standard and certain capacity of press-out machines. By changing the pressure plate, they can also serve vessels of various diameters. The chemical resistant O-ring seal around the pressure plate, which is suitable for the inner diameters of the vessels, ensures complete sealing. The maximum pressure applied by the hydraulic piston to the product in the vessel through the pressure plate is 180 bar and this pressure is adjustable by the operator depending on the viscosity of the product.

OPTIONAL SPECIFICATIONS

The system that provides the plugging the back of the cartridge in the models with cartridge filling unit, ex-proof design in ATEX Zone 1 EEx dIIB T4 standards, additional filling unit, semi-automatic or fully automatic PC / PLC control system with recipe control are offered as optional features.

Machine Type	SKBM 500	SKBM 1000	SKBM 1500	SKBM 2000
Main Engine Power (Kw)	7,5	7,5	7,5	11
Pressure (Max Bar)	180	180	180	180
Hydraulic Stroke (mm)	1000	1000	1200	1600
Pressure Plate Diameter (mm)	900	1000	300	600
Discharge Volume (Lt)	500	1000	1500	2000