

CENTRIFUGE **SLS300M**



This model contains a centrifuge at manual discharge, able to purify - and consequently recycle - 100% of the glass grinding waste. The grinding wastewater that comes from the machine tools converges directly into the underground tanks through the canalization system already present in the company. The liquids, through the loading pumps, are pushed into the cyclone descending in a spiral along the internal walls of the cyclone due to the gravity and movement effects given by the tangential injection system.

MODEL:	SLS300M
CAPACITY:	30 m³/h 500 lt/min
QUALITY μm :	5
DIMENSIONS LxWxH:	1800x900x2200 mm
WEIGHT:	170 kg
AREA:	4,0 m³
V/Hz:	400/50
ELECTRIC POWER:	9,5 Kw (L+N+T)

The separation of solid particles from the liquid occurs by gravitational effect: the water rises towards the midst of the cylinder and the sludge mixed with the residual liquid is pushed into the cone of the cyclone and injected through a pump into the rotor of the centrifuge. Here, the solid particles are definitively pressed and separated from the water, sending it back to production, while the collected sludge, the thermoplastic and non-stick material deposited in the basket are ready to be manually discharged into the appropriate waste bags.

The basket has a residual water discharge system in order to avoid a further action of liquid separation to the operator, as only the centrifuged sludge is stored, thus reducing its weight.