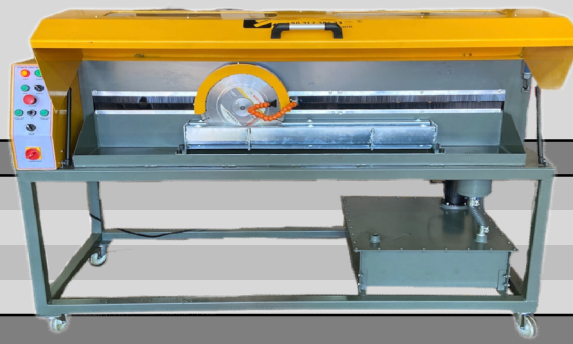


# SDS-S100

## SDS Core Cutting Machine

### Technical Specifications



#### Dimensions and Weight;

- ▶ Length; 2000mm
- ▶ Width; 820mm
- ▶ Height; 1255mm
- ▶ Weight; 385kg

#### Saw Engine;

- ▶ RPM; 1500rpm
- ▶ Power; 3kW
- ▶ Saw; 350 mm

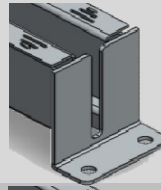
#### Cooling system;

- ▶ Coolant; Cutting oil, 60l
- ▶ Pump power; 0,09kW
- ▶ Flow rate; 60l/min
- ▶ Pumping Height; 6m
- ▶ Oil tank capacity; 72l

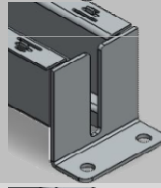
#### Cores and Core Hausings;

▶ Hausing P-WL is combined with the main frame. Then, H-WL, N-WL and B-WL Hausings are added according to the core used.

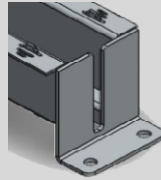
- ▶ B-WL;  $\varnothing 36,5\text{mm}$  - 100cm



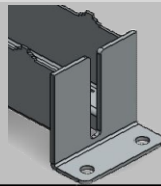
- ▶ N-WL;  $\varnothing 47,6\text{mm}$  - 100cm



- ▶ H-WL;  $\varnothing 63,5\text{mm}$  - 100cm



- ▶ P-WL;  $\varnothing 85\text{mm}$  - 100cm



#### Informations;

- ▶ Core cutting machine is used to obtain two half cylinders from rock, concrete and core samples of various sizes.
- ▶ It is made of 5mm steel.
- ▶ Painted with electrostatic powder paint resistant to scratches.
- ▶ It can cut Max.90mm diameter, Max.100cm core.
- ▶ The cutting process can be done automatically and the forward (cutting speed) and return speeds can be adjusted by the user separately by means of a reducer motor. Forward and reverse distances are secured with the help of a switch.
- ▶ The water pump can be work longtime. The cooling of the cutting blade is done with water sprayed from the water pump.
- ▶ It can circulate its own water with the water tank and water pump mounted on the core cutting machine. The water tank capacity is 72lt. (it is recommended to add boron to the water tank with water)
- ▶ Cutter head does not oscillate.
- ▶ Core cutting machine have 4 legs and the wheels attached to these legs, you can easily move it.
- ▶ The core cutting machine has 380V industrial type male plug, electrical connection 3-phase, neutral and ground.
- ▶ There is a special cover to prevent particles from dispersing and splashing water. The cover has piston and you can open easily There are sensors to prevent the machine from working when this cover is open for security purposes.