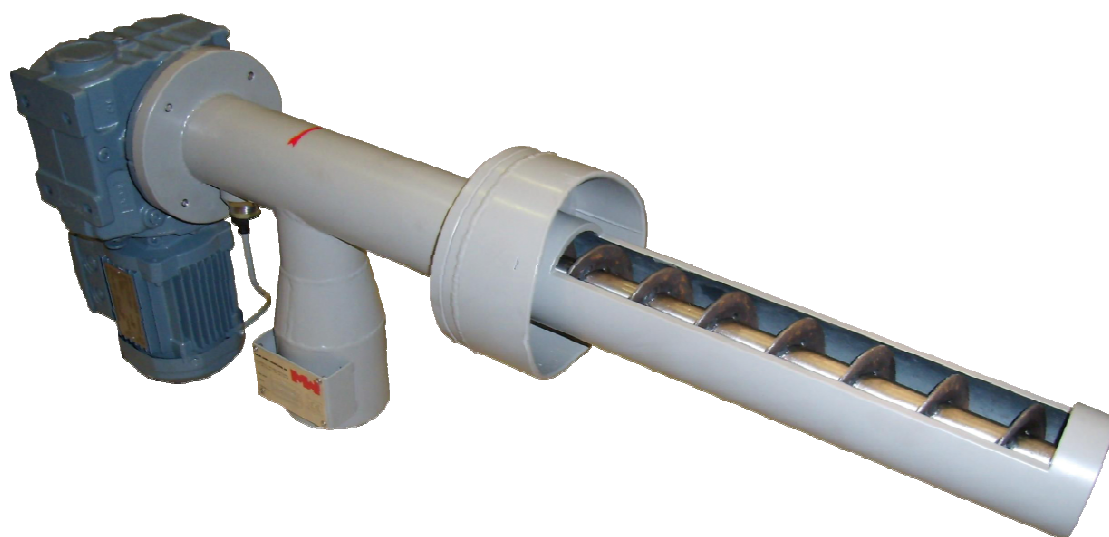


SCR – SCREW SAMPLER

EXTRACTING OF FREE FALLING MATERIAL



- SCR collects powdered samples of free falling materials in a circular or rectangular chute.
- SCR samples in preset intervals.
- SCR is easy to install and use.

PRINCIPLES OF OPERATION

The Screw Sampler (SCR) is designed for sample extraction of dry, non-sticky powdered material from a free falling flow of material.

GENERAL DESCRIPTION

The sampler is driven by a geared motor coupled to a transport screw, crossing the flow of material. The screw transports the extracted material to a discharge outlet chute where the material falls by gravity to the subsequent sample preparation equipment.

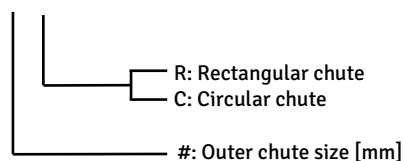
- The screw sampler type designation is based on chute dimension in mm as well as chute form.
- The screw sampler can be mounted in chutes (rectangular or circular) with maximum inclination of 30°.
- The control of the sampler is normally conducted from a central PLC system.
- As an option, the screw sampler can be equipped with variable speed geared motor.
- The screw sampler is manufactured in mild steel and coated according to M&W standard.
- The screw sampler is also available with approval for working in ATEX ZONE 20.

TECHNICAL DATA

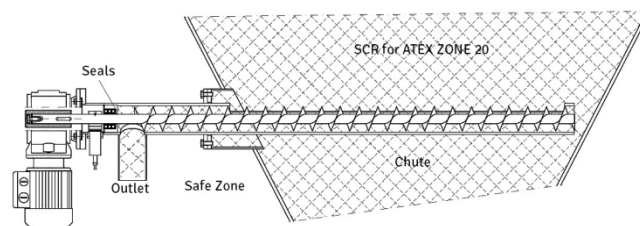
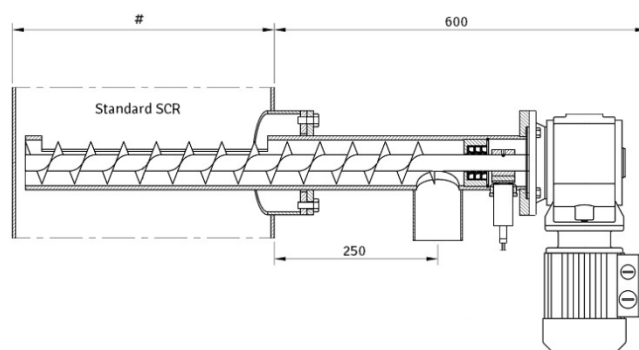
Drive unit:	Geared motor
Screw diameter:	∅ 65 mm
Sensor:	Motion detector
Voltage:	400/230v-50Hz or as required

TYPE DESIGNATION (EX):

SCR-500-R



DRAWING



COMPANY PROFILE

M&W JAWO HANDLING IS AN INTERNATIONALLY WORKING ENGINEERING COMPANY SPECIALISED IN DESIGN, MANUFACTURING AND SUPPLY OF INDIVIDUAL MACHINE UNITS AND SYSTEMS FOR REPRESENTATIVE SAMPLING OF POWDER AND BULK MATERIAL. SEVERAL HUNDRED SYSTEMS ARE SUCCESSFULLY SAMPLING IN THE INDUSTRY WORLD-WIDE.