



MACKINA - WESTFALIA



SCRAPER WINCH CSP30

Product description





General description

The CSP-30 is an electrically driven Scraper Winch with a power of 30 HP intended to be used in mining works for the extraction of material by means of a dragging bucket in places of difficult access

Depending on the electric motor, it can be used in mines with "Condition of risk 2" (potentially explosive atmosphere), with the prescriptions of use foreseen in the General Regulation of Basic Norms of Mining Security

The set is mounted on a very robust electro-welded frame where the perpendicular axis reducer and double output axis, the hydraulic controls to drive the clutches and eyebolts are supported for a safe fixation

On the output shafts of the reducer rotate the disc brakes that act as a clutch, allow the rotation of the traction and return drums, and are hydraulically driven by manual pumps that inject liquid under pressure through a rotary joint



The brake discs are protected by perforated housings for better ventilation and on them are placed the rollers that guide the cable and protect it from deterioration

The drive is provided by a 22 kW flame-proof motor of the B5 design

It is supplied as standard with a 500l. capacity bucket, which can be adapted to the customer's needs



Technical data

Drive power	22kW
Engine speed	1500 rpm
Drum pulling force	1800 kg
Reduction rate	30.6
Speed on the pull cable	1,12 m/s
Speed on the forwarding cable.....	1,33 m/s
Cable diameter	14 mm
Pulling drum roll capacity	180 m
Forwarding drum roll capacity	125 m
Pulling drum diameter	350 mm
Forwarding drum diameter	450 mm
Outer diameter of drums	650 mm
Width of drums	220 mm



Overall dimensions

