



MACKINA - WESTFALIA



PNEUMATIC WINCH 08CV

74952-9010 CNM08

Product Information





DESCRIPTION

The pneumatic winch CNM08 74952-9010 is a machine aimed at the movement of loads in horizontal galleries or small slope, by traction wire rope wound on the drum.

The whole equipment is supported on a rigid frame built in welded steel sheet. There are available on the base of the frame 4 holes of diameter 20 mm in a rectangular floor of 580 x 570 mm that make possible a solid anchor by fixing bolts. It is also equipped with four rings of suspension to facilitate and ensure a safely transport maneuvers.

On the side of the cable outlet, it incorporates a module of four roller horizontal and vertical to guide the cable which facilitate the winding of the cable on the drum.

From the top there are protections in the form of folding metal grill for protection against risks of accidents caused by entrapment or contact with moving parts.

The drum is welded steel with wide lateral ferrules that provide a good cable capacity. The drum and the middle shaft are mounted on axles anchored to the frame by bearing brackets self-aligning, giving a perfect alignment between axes, and a solid anchor.

Drum drive is via a pneumatic engine, fed from a network of air at 6 bar with useful section of 1 ¼ ". The engine is the type of reversible rotation by lever and distributor directly incorporated in the motor.

Control of direction of rotation, and speed carried on this distributor lever equipped with a system centered by two springs in opposition that constitute a "Deadman" security system, due that the winch is running, presence of Machinist is required.

The motor torque is transmitted to the shaft of the drum through a kinematic chain composed of two pairs of toothed wheels which provide a total gear ratio of 1:29.

These wheels are housed in a casing closed and capped in order to set up a deposit of fat and good protection against dirt and moisture while a solid guard against moving parts.

The air motor is a gear motor supported on ball bearings, in close construction that provides effective protection against dirt and moisture.

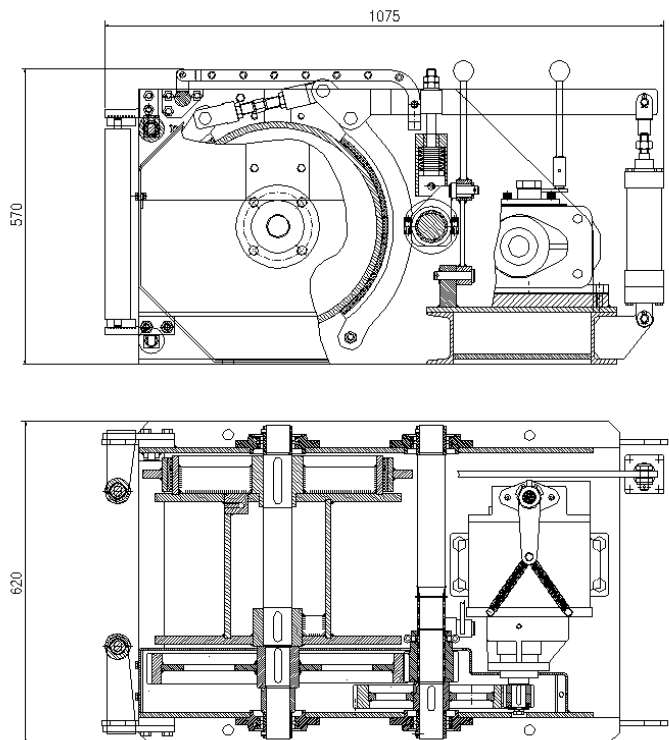
The brake is a brake on drum. It is designed as a negative action safety brake so that braking occurs automatically in the absence of air pressure and the release occurs by acting of a pneumatic cylinder that is powered through a selector circuit nestled with the start command.



MAIN FEATURES

Pulling force	1000 daN
Maximum speed in 1 st layer	0,5 m/seg
Power	8 CV
Air supply pressure	6 bar
Free air consumption	3 m ³ /min
Cable diameter to be used	10 mm
Ability to rewind	280 mts
Weight without cable	370 Kg
Sound level	95 Db

DIMENSIONS





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