

HOSE REEL AND EXTENSION ARM

General description

Spring driven hose reel with conductive EVA hose is designed for dust extraction.

Function

Hose is pulled out to the necessary length, whereafter it is locked by letting the hose move back in locked position.

Hose is released by pulling the hose forward to unlocked position and hereafter letting it roll back.

Hose may only roll back while you guide it by hand until hose stop is reached.

Maintenance

- It must frequently be checked, whether the locking device is working without failure.
- Hose stop must be undamaged.
- Spring cabinet may only be taken apart by especially trained personnel.
- ~~May~~ be used with sufficient fan extraction.

Operator

Hose reel operator or others must always be in such a distance from the hose reel to avoid getting in contact with it.

Intentional application

Hose reel HOSR may only be used for dust extraction. Max. 60° C (EVA hose)

Warning

Longer hoses and other types than the original may not be mounted, since it can damage the spring.

If no hose stop is used, it must be ensured that at least 1.5 m hose hangs down in locked condition to prevent accidents.

Instructions

Mounting

HOSR has three mounting possibilities; on a wall, on the ceiling or on a vacuum arm to further increase its working area by 1, 2 or 3 meters. All mounting holes must be used. The mounting option must be specified when ordering, since a hose reel that is prepared for another mounting can not be modified.

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Hose reel is lifted into place by means of either fork lift, hydraulic platform or the like. An output connection hose is mounted for further piping:

Hose reel diameter	Nipple diameter	Hose length m
ø32 mm	ø50mm-connection	10
ø38 mm	ø50mm-connection	8,5
ø50 mm	ø50mm-connection	7,3

Hose clamps for nozzles must be mounted with protection sleeves mounted on hose.

Additional equipment

When a switching contact is mounted on the hose reel, its contact set can be used to control of motor damper or start/stop of extraction fan.

When hose on the reel is pulled down, switching contact is activated. When winding begins, switching contact is deactivated before one rotation turn.

Protection

Nozzles designed for the purpose may be used, equipped with a safety bulb to prevent that the nozzle disconnects from the hose.

Adjustment and maintenance

The adjustable hose stopper is easy to adjust, any user can adapt the hanging length of the hose for an optimal usage.

Hose strips and hose clamps must be checked, whether the hose is securely attached to the reel.

Face mask must be used at hose exchange.

Execution

If hose stop is exchanged, it must be prevented that the hose unintended can roll up on the reel. Possible the hose is tied to one of the reel ends.