



Trailing cable reeler for excavators

Minimal manual movements and improved excavator uptime

IHC's trailing cable reeler is an attachment for electric powered excavators. It has been designed to handle the electric trailing cable during an excavator's in-pit manoeuvres.

By utilising the reel during the in-pit manoeuvres there are minimal requirements to manually move the cable. The reeler guarantees a tension on the cable at all times, and reduces the risk of being crushed or damaged while the excavator is operational. As a result, the trailing cable has a longer lifespan and excavator uptime is improved.

Customised for specific excavators and mining conditions

IHC's trailing cable reeler can be adapted to an excavator from any manufacturer and either fitted onto the machine itself or installed as a separate skid-mounted unit. The system is tailored to the demanding conditions associated with mining and can accommodate a variety of medium voltage trailing reeling cables.

Advantages

- ✓ enhances personnel safety
- ✓ maximised manoeuvrability through its unique design with a large departure angle and optimised ground clearance
- ✓ increased drum capacity able to hold 300m live-cable length, creating a bigger travel range from your power source
- ✓ low maintenance solution, resulting in more uptime.

Improved excavator uptime and longer lifespan of the trailing cable

Full control for safe manoeuvres

IHC's trailing cable reeler is designed to make excavator operations as safe as possible. With its unique, fully automated constant tension function, it provides the highest level of control.

In addition, it is possible to adjust the cable tension to ensure the highest degree of accuracy. Optimal tension can be adjusted to ensure sufficient tension for operation while still protecting the cable against excessive loads.

The system also caters for a potential free operator warning interface contact, which can be incorporated into the excavators monitoring system if available. This feature warns the operator of any obstructions that are not visible. The operator is also notified, by means of a limit switch, when the drum is nearing empty or full.



EX2600 cable reeler

Operational efficiency

The device is fully electric and has no need for an external power base or hydraulics. It is robust and able to withstand harsh winter conditions as well as extreme heat. The trailing cable reeler is a cost-effective solution that offers several other benefits, including:

- no hydraulics
- high equipment reliability
- lower maintenance costs
- built-in safety features assist the operator to reduce the risk of damage to the unit and excavator.
- a quick installation time
- adjustable tension control
- increased cable life expectancy.

The trailing cable reeler package includes an on-site training programme for operators and global technical life-cycle support.



EX3600 cable reeler

	EX2600	EX3600	EX5500
Mechanical specifications			
Cable (live length)	70-250m	70-250m	70-250m
Cable diameter	45-59mm	54-68mm	59-72mm
Maximum permitted tension	3.0-4.2kN	3.0-9.0kN	3.0-11.1kN
Drum diameter	1,080-1,242mm	1,270-1,950mm	1,416-1,985mm
Line speed	2.3km/h	2.3km/h	2.3km/h
Electrical specifications			
MV system voltage	6.6kV	6.6kV	6.6kV
Frequency	50Hz	50Hz	50Hz
Maximum continuous current	92A	124A	178A
Dimensions			
LxWxH	4,567x2,333x1,437mm	4,633x3,272x1,514mm	6,112x2,929 x1,958mm

Get in touch with IHC Mining to see what the opportunities are for your operation



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