



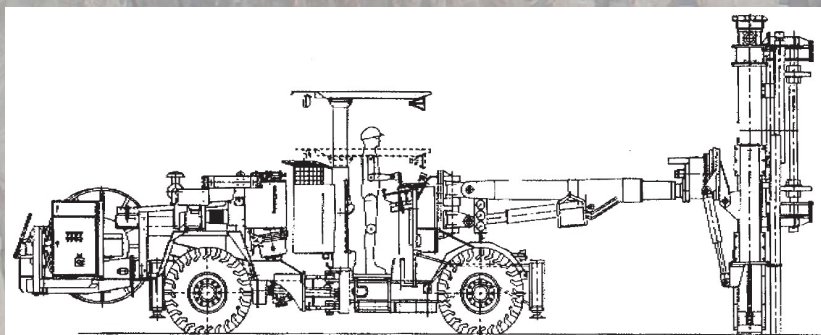
INKLINATOR[®]

CMI Production, boom



Total instrument system for production drilling rigs with boom mounted feeder.

The system measures the side and inclination (dip) angles of the feeder in vertical planes.



Inklinator CMI Production, boom, is built on the latest CAN Open technology. This makes the system very easy to mount, calibrate and zero set.

All sensors and cables are manufactured to survive the harsch environment on a drill rig.

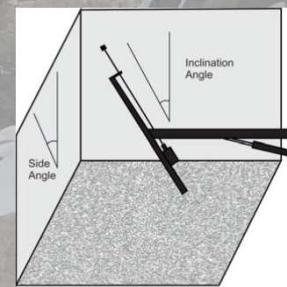
CMI Production, no boom consists of:

- Master Unit
- Boom inclination (dip) transducer
- Rotation transducer
- Boom joint transducer 1, 2 or 3 pcs
- Heavy duty enclosures for protection
- Cables in hydraulic hoses for protection

Option: Length measurement transducer with wire



A vector in the space is calculated from the transducers values. This vector is then presented as a projection in the vertical planes side and front. The angles from these two projections are presented on the display.



The system is equipped with a diagnostic program which makes it possible to check transducers and cables from the master without any tools or instruments.

Specification:

Measurement range std.	rotation angle	0 - 360 deg
	inclination (dip) angle	+/- 90 deg
Accuracy, all transducers better than,		0,25 deg
Hole length measurement range,		0 – 99,9 m
Hole length measurement accuracy,		+/- 1%, minimum 0,05 m
Penetration rate measurement range,		0 – 9,99 m/min
Power supply,		10 – 30 VDC, 0,2 A
Enclosure,		IP65, Splash proof
Working temperature,		-20 - +50 deg Celcius

