

Datasheet Ramnäs Inspection Unit.

Unit is constructed to achieve fully inhouse inspection of mooring chain, with controlled light and environment. In unit there is 3 places for visual inspection, MT inspection and as an option UT (Phased Array) inspection.



To fix links with loose studs a Ramnäs Stud Lock equipment is installed in line.

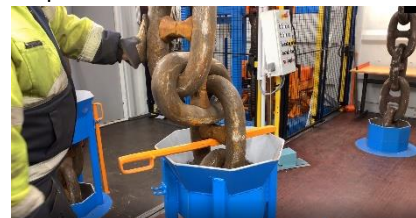
Monitoring of chain outside unit is done by CCD cameras. Reporting is done by operators directly in to Ramnäs MES and QA system.

Unit is easy to install and dismantle and is easy to establish at site. When unit is dismantled it is movable by truck. Complete unit is also movable by crane all together.

Over all dimensions and weight

Length:	6,1	Meters
Width:	4,9	Meters
Height:	7,0	Meters
Weight:	16500	Kg

Inspection in crown area



Power consumption (installation)

Voltage:	400	V (3 phase)
Current:	63	A



Ramnäs Stud Lock®

Capacity

Chain wheel transportation speed:	600	Meters/Hour
MT inspection time (incl. handling time):	24	Links/Hour
Visual inspection (incl. handling time):	400	Links/Hour
Visual inspection incl. 5% MT and chain handling:	125	Links/Hour
Min size, stud link common link:	76	mm
Max, stud link size common link:	102	mm
Max stud less link size common link:	110	mm
Max End link size:	92	mm
Stud Lock (stud expansion):	180	Links/Hour

Inspection methods

Inspection can be made with MT, visual inspection and as an option by US (Phased Array) method. MT inspection is normally done with UV light. All will be done by highly skilled and certified personnel in acc. with SS-EN ISO 9712.

