Product / Project sheet

Winches for Sheer leg

System Components

Each winch consists mainly of a frame, drum, electric motors and brakes. The motor/brake part is covered with a stainless steel rooftop against extreme heating-up due to the environment (sun radiation).

Technical specifications

For detailed technical explanation of the different winches and belonging control systems contact innovative Input.

Main hoist winches:	SWL 60mT
Electrical power:	4 * 55 kW
Storage capacity:	1.650m
Line pull 7th layer:	578kN @ 20m/min

Foto: Drydocks World – Dubai website

Application

Drydocks World – Dubai owns the Middle East's largest Floating Crane. It is a shear leg design with a 2000 tons lifting capacity on 30m outreach and 70m elevation.

The total load is distributed between four hooks, the 12m distance between hooks reduces requirements for spreaders. The unique design enables it to lift heavy slender objects with actual length higher than the hook elevation.

The Floating Crane is certified by DNV. The Crane is towed to operation location and is manoeuvred by an anchor winch system.

Length overall	86.4m
4 Hooks-500ton	each 12m apart
Width	38.5m
Depth	7.0m

The Crane can lift objects weighing 2000 tons, at 20-33m outreach at 70m elevation and 150tons at 95m outreach and 43m elevation.

Features / Innovations

Clean deck philosophy
Modular concept, easy to maintain.
Heat protection

For more information contact Innovative Input BV, phone +31 180 545499, website: www.innovativeinput.nl