

MODEL 8215

FOR LADEN CONTAINER HANDLING WITH RAIL
MOUNTED OR RUBBER TYRED GANTRY CRANES



Standard supply includes:

- ♦ Mounting arrangement to fit crane
- ♦ Mechanical Pile Slope (MPS)
- ♦ Four pendular ISO twistlocks
- ♦ Lifting eyes near twistlocks
- ♦ Hydraulic telescoping
- ♦ Solenoid valves for all hydraulic functions
- ♦ Electrical and mechanical twistlock protection and indication system
- ♦ Electric telescoping protection system
- ♦ Lift interrupt signal
- ♦ LED-indication lights

Spreader Model 8215 is a telescopic top spreader for handling of laden ISO containers up to 41 tonnes. 8215 is designed for mounting on Rail Mounted (RMG) or Rubber Tyred Gantry (RTG) cranes.

The strong and basic concept offers distinct advantages, such as two parallel telescopic beams, assuring max overlap. The beam sections are dimensioned to absorb not only the vertical, but also the very considerable horizontal forces.

TWISTLOCK SYSTEM

The twistlock system is manufactured in a very rugged design and well proven since many years. 8215 has hardened, penduling ISO quick exchange twistlocks, hydraulically activated with electrical and mechanical interlocking against faulty locking and unlocking.

TELESCOPING SYSTEM

Telescoping is powered by one hydraulic cylinder in each beam.

HYDRAULIC SYSTEM

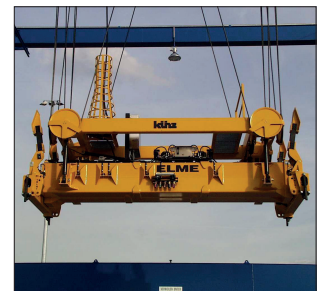
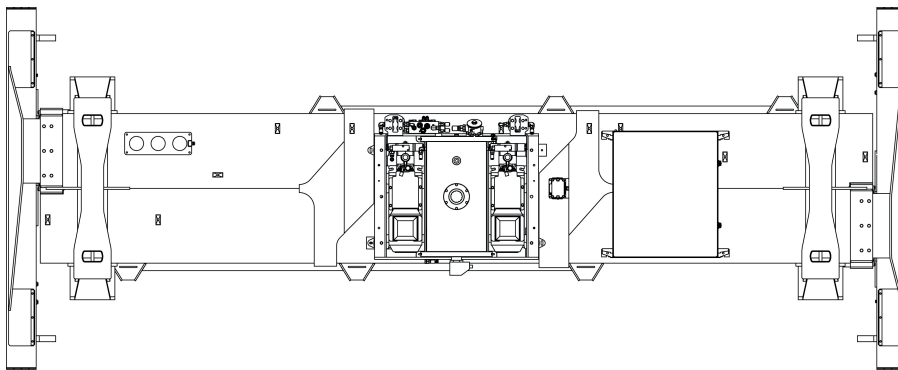
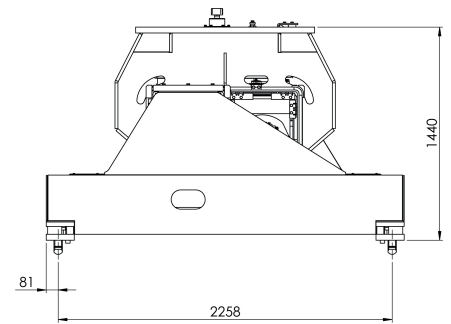
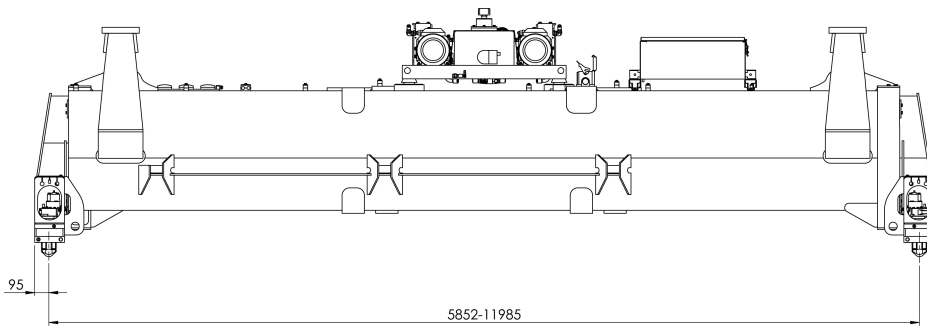
Double electric motors and pump assemblies assure simultaneous telescoping of both beams. The spreader can be operated with one electric motor and pump.

CONTROL AND PROTECTION SYSTEM

The control voltage on the spreader is always converted to 24V DC for safety and reliability. Electrical systems monitor the state of the spreader at all times.

Indicator lights advise the operator when the spreader is correctly seated, locked or not locked. Each signal is a precondition for the important protection functions of the spreader, such as twistlock activation, telescoping and lift interrupt.

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TECHNICAL SPECIFICATIONS

Type of application	RTG, RMG
Spreader weight (TW)	8 900 kgs without extra equipment
Lifting capacity (SWL), spreader	41 tonnes $\pm$ 10 % eccentric load
Lifting capacity (SWL), lifting eyes	4 x 10 tonnes
Twistlock	ISO pendular 20 mm
Telescopic positions	20ft, 40ft and 45ft
Telescoping speed from 20-45ft	< 32 sec.*
Hydraulics, operating pressure up to	140 bar
Hydraulics, flow / tank volume	46 L/min (2x23) / 90 L
Power supply	400 VAC/50 Hz
Electrical motors	2 x 4 kW
Electric - control voltage	24 VDC
Colour	Signal yellow RAL 1003
Paint thickness	220 μ

* Calculated speed at 20° C

All specifications are subject to change without notice. A list of options enables you to adapt the product more precisely to your needs and further information is available on request.



Indication lights.



Twistlock and lifting eye.

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