

MOTORIZED SHEET LIFTER – TELESCOPIC TYPE

DATA SHEET

DESCRIPTION OF OPERATION

The motorized sheet lifter r&p telescopic type is designed to lift sheets and plates in a horizontal position. All sheet lifters are made-to-order with individual features to fulfil any customer's needs. The tong is equipped with either 2 or 3 telescopic pairs of lifting arms. The tongs are robustly engineered to meet the various professional industrial applications. The crane operator controls the entire lifting process from the crane cabin. Drive is provided by a three-phase gear motor and a chain transmission. The electric circuit is wired into a terminal box on the tong unit. The suspension assembly is designed to accommodate standard crane hooks. The suspension is fixed by pull pins. Customized suspensions on request.

AVAILABLE OPTIONS

- Rotating unit
- Suspension custom-made
- Electrical provisions for fully-automatic lifting process - radio control for the tong
- Lateral mechanical limit switches with control lamps
- Load presence switches in lifting shoes
- Lateral limit switches by photocells
- Through beam sensor for sheet detection
- Absolut encoder for detection position of arms
- Motorized lateral adjustment of lifting arms



FEATURES

- All tongs are individually designed and calculated
- Manually or motorized operated end grabs
- Suspension for free hook leading
- Retractable lifting angles
- Lateral adjustment of lifting arms
- Tong suspension designed for Standard Single Hook according to DIN 15401
- Manufactured in accordance with worldwide recognised norms (e.g. EN, ISO) and safety standards

CUSTOMER BENEFITS

- No assistance of personnel on the floor required
- Increased operational safety
- Improved efficiency and quality of material handling
- Easy to maintain and exchanging of wear parts
- Minimum inherent weight
- Long working life
- State-of-the-art product according to the latest international machine guidelines

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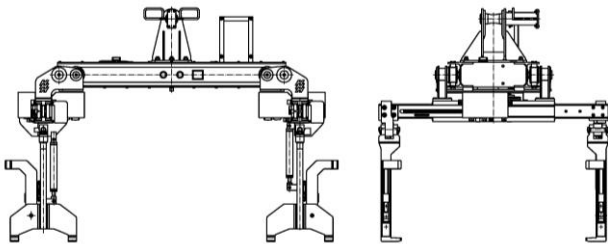
PRODUCT INFORMATION

TYPICAL SHEET SPECIFICATIONS *

Length	from 1'000 mm to	14'000 mm
Width	from 650 mm to	2'800 mm
Thickness	up to	50 mm
Pile height	up to	1'000 mm
Temperature of sheet	up to	700°C
Weight of sheet	up to	40 t

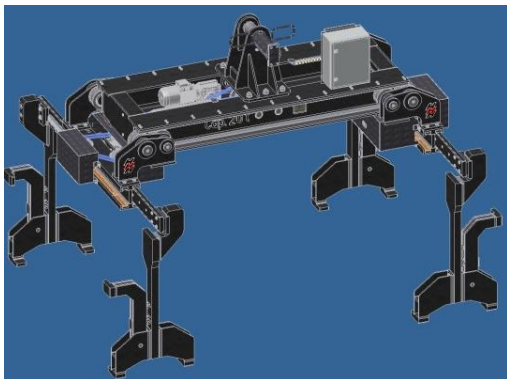
*) Sheet lifters for all sheet dimensions are available according to customer requirements.

EXAMPLE DRAWING



Heppenstall sheet lifters are designed to accommodate custom sheets of all dimensions with or without rotating unit.

3D VIEW



Other sheet lifters available:

- Motorized sheet lifter – rack and pinion type
- Motorized sheet lifter – fix type

All lifting equipment complies with the latest machine guidelines and the new EU/EN standards. Heppenstall use material of high quality and ultrasonic tested steel plates according EN10204 for safety-related components.