

HYDRAULIC UPENDER

DATA SHEET

DESCRIPTION OF OPERATION

The hydraulic coil upender is designed to lift and tilt coils, capable of upending them from the horizontal to the vertical position and vice-versa. The upender is robustly engineered for heavy duty application to meet the high demands of steel- or rolling mill. The crane operator controls the entire lifting and tilting process from the crane cabin. The hydraulic cylinders are actuated by a central located, well protected hydraulic unit. 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.



FEATURES

- Operated entirely from the crane cab without the assistance
- Easy access to gripping pads and grease points for all bearings
- All tongs are individually designed and calculated
- Manufactured in accordance with worldwide recognised norms (e.g. EN, ISO) and safety standards

CUSTOMER BENEFITS

- No assistance of personnel on the floor required
- Increase operational safety
- Quick handling time
- Easy to maintain and exchange of wear parts
- Minimum inherent weight
- Long working life
- State-of-the-art product according to latest international machine guidelines

AVAILABLE OPTIONS

- Rotation unit
- Electro-mechanical end limit switch for min and max opening of the tong
- Through beam sensor for coil bore detection
- Suspension custom-made
- Suspension for free hook leading - no floor personnel required

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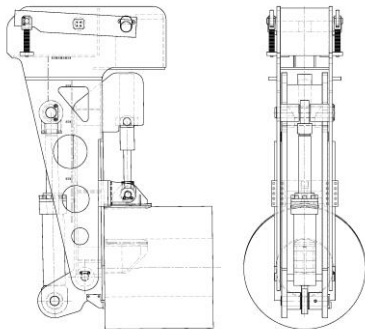
PRODUCT INFORMATION

TYPICAL COIL SPECIFICATIONS *

Inside diameter	from 610 mm to	850 mm
Outside diameter	from 1'000 mm to	2'300 mm
Width	from 600 mm to	2'100 mm
Temperature of coil	up to	750 °C
Weight of coil	up to	33 t

*) Upender for all coil dimensions are available according to customer requirements.

EXAMPLE DRAWING



Heppenstall upender are designed to accommodate custom coils of all dimensions with or without rotating unit.

SAMPLE PICTURE



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.