AUTOMATIC BLOCK TONG

DATA SHEET

DESCRIPTION OF OPERATION

The automatic block tong is designed to lift single ingots. Tong levers can also be designed, to grip ingots vertically and deposit them horizontally, or vice versa. The tongs are robustly engineered for heavy duty application to meet the severe demands of steel mills. The crane operator controls the entire lifting process from the crane cabin, by positioning the tong above the centre of the ingot. The suspension assembly is designed to accommodate standard crane hooks. The standard suspension is fixed by pull pins. Customized suspensions on request.

FEATURES

- All tongs are individually designed and calculated to specific requirement
- Easy access to gripping pad and grease points for all bearings
- Light access to wear components
- Suspension for free hook leading
- 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
- Easy to maintain and exchange of wear parts
- Minimum inherent weight
- Long working life
- Produced in line with the latest international machine guidelines

AVAILABLE OPTIONS

- Rotating unit
- Suspension custom-made
- Suspension for free hook leading - no floor personnel required

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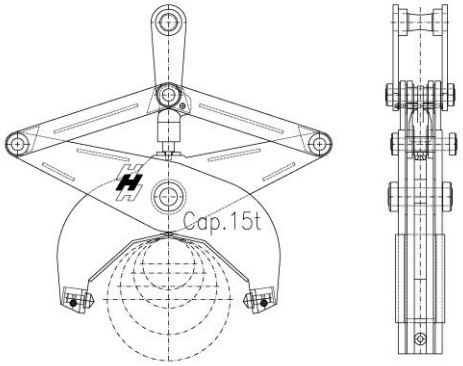
AUTOMATIC BLOCK TONG

PRODUCT INFORMATION

		TYPICAL INGOT SPECIFICATIONS *
Length	up to	5‘000 mm
Diameter	up to	1’600 mm
Quantity		1
Temperature of ingot	up to	1‘400°C
Weight of ingot	up to	300 t

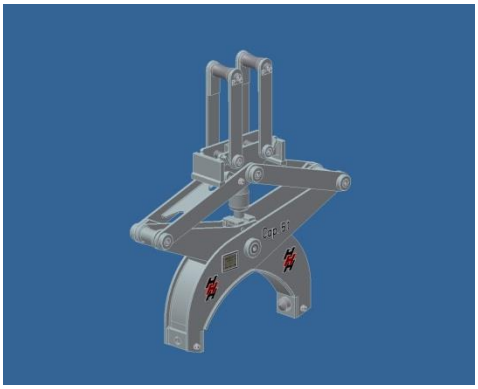
*) Tongs for all ingot dimensions are available according to customer requirements.

EXAMPLE DRAWING



Heppenstall block tongs are designed to accommodate custom ingots of all dimensions with or without rotating unit.

3D VIEW



Other block tongs available:

- Hydraulic block tong
- Hydraulic aluminium block tong

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.

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