

# ATS Mono Rail Hydraulic Hoists for BOP Handling Systems



**ATS INDU Mono Rail Hoists for BOP Handling Systems** are designed for the offshore industry, or wherever heavy loads have to be moved in confined spaces.

**20t - 200t**

Depending on the application, **ATS INDU Mono Rail Hoists** can be used in pairs or even sets of four units. For example: Working in parallel, BOP handling systems can have capacity from 20 tons to 200 tons.

## Standard Features:

- Gerotor type hydraulic motor
- 100% duty cycle
- Ideal for working in hazardous areas (explosive environments)
- Temperature rated -20°C to 70°C
- Insensitive to dust and humidity
- High grade carbon steel swivel hooks with safety catches
- Galvanized Grade 80 load chain made to EN818 standard – 5:1 design factor of safety
- Automatic self-adjusting multi disc brake 125% WLL
- Pressure regulating load limiter set 130% WLL
- Spark resistant (Atex Zone 2)
- Compact design and lowest head room in class.
- Anti-climb and anti-drop devices standard.
- Pilot pendant control with emergency shut-off valve
- Compliant with ASME B30-16



**ATSi-BM200 (200Ton)**

## Options:

- Increased spark resistant (Atex zone 1)
- Rack and pinion drive
- Stainless steel wheels
- Rubber trolley stoppers
- Variable speed pendant control
- Marine spec - Nickel coated and marine paint
- Corrosion resistance: special paints
- Chain containers
- Integrated wireless load cells
- Remote control panel - with lift synchronisation
- Third party acceptance available on request
- Clevis or hook



**Rack Drive**

## Special Application:

- If you have a unique application and require a non standard system, a unit can be designed to your requirements

## Technical Data

ATS MONO RAIL BOP HOIST SYSTEM	BM 20	BM 32	BM 40	BM 50	BM 50	BM 60	BM 90	BM 120	BM 150	BM 200	
<b>System Consists of 2 units</b>	<b>M 10</b>	<b>M 16</b>	<b>M 20</b>	<b>M 25</b>	<b>M 25</b>	<b>M 30</b>	<b>M 45</b>	<b>M 60</b>	<b>M 75</b>	<b>M 100</b>	
Carrying capacity	m t	20	32	40	50	50	60	90	120	150	200
Hoist weight with 3m lift	kg	520	850	1200	1370	1682	1682	2920	3300	7200	10400
Weight of chain per m lift per hoist	kg/m	11,6	17,4	23,2	24,4	24,4	24,4	36,6	48,8	63,9	85,2
Chain size	mm	16x45				23,5x66				32x90	
Number of chain strands		2	3	4	4	2	2	3	4	3	4
Hydraulic supply pressure	bar	130							150		
Hoist motor hydraulic fluid supply flow rate	l/min	40							60		
Traveling speed	m/min	5,5									
Rack drive traveling speed	m/min	7									
<b>Hoist Speeds</b>											
Lifting speed full load	m/min	1,30	0,90	0,65	0,55	1,30	1,20	0,80	0,60	0,60	0,45
Lifting speed no load	m/min	2,80	1,90	1,40	1,40	2,10	2,10	1,90	1,30	0,95	0,70
Lowering speed no load	m/min	2,45	1,65	1,25	1,25	1,60	1,60	1,60	0,80	1,10	0,83
Lowering speed full load	m/min	3,60	2,40	1,80	1,85	2,40	2,40	2,50	1,10	0,80	0,60



LME 155



Made in South Africa



[www.ats2000.com](http://www.ats2000.com)

TEL.: +27(011)887-2605  
FAX : +27(011)440-5382  
Email: info@ats2000.co.za

P.O. BOX 1899 708 OLD PTA RD.  
BRAMLEY WYNBURG  
2018 SANDTON  
SOUTH AFRICA