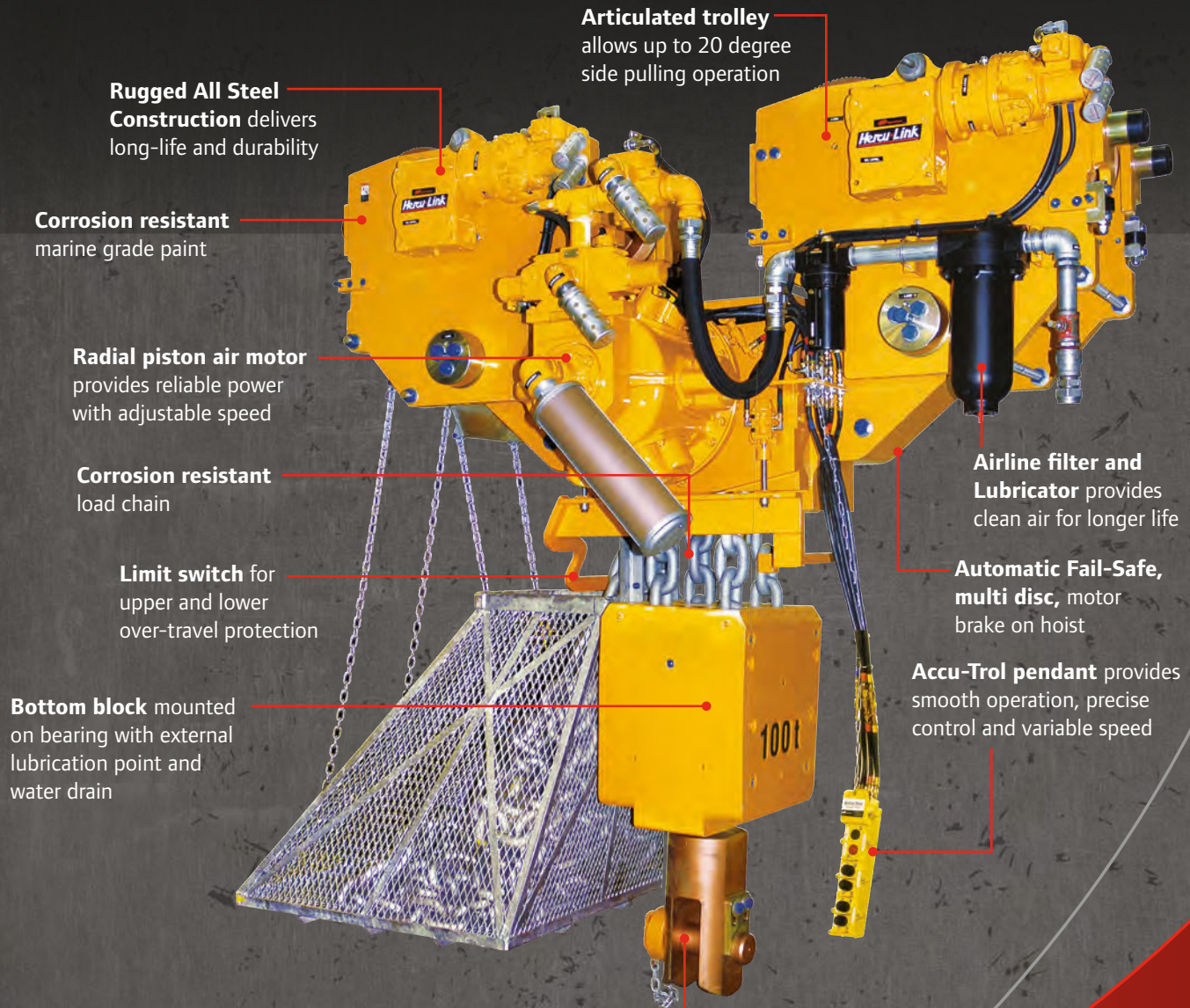




# Hercu-Link<sup>®</sup> Air BOP Handling System

50-200 tons



**Rugged All Steel Construction** delivers long-life and durability

**Corrosion resistant** marine grade paint

**Radial piston air motor** provides reliable power with adjustable speed

**Corrosion resistant** load chain

**Limit switch** for upper and lower over-travel protection

**Bottom block** mounted on bearing with external lubrication point and water drain

**Articulated trolley** allows up to 20 degree side pulling operation

**Airline filter and Lubricator** provides clean air for longer life

**Automatic Fail-Safe, multi disc, motor brake** on hoist

**Accu-Trol pendant** provides smooth operation, precise control and variable speed

Available with bottom hook or clevis

Ideal for:



Onshore



Offshore



# Hercu-Link<sup>®</sup> Air BOP Handling System

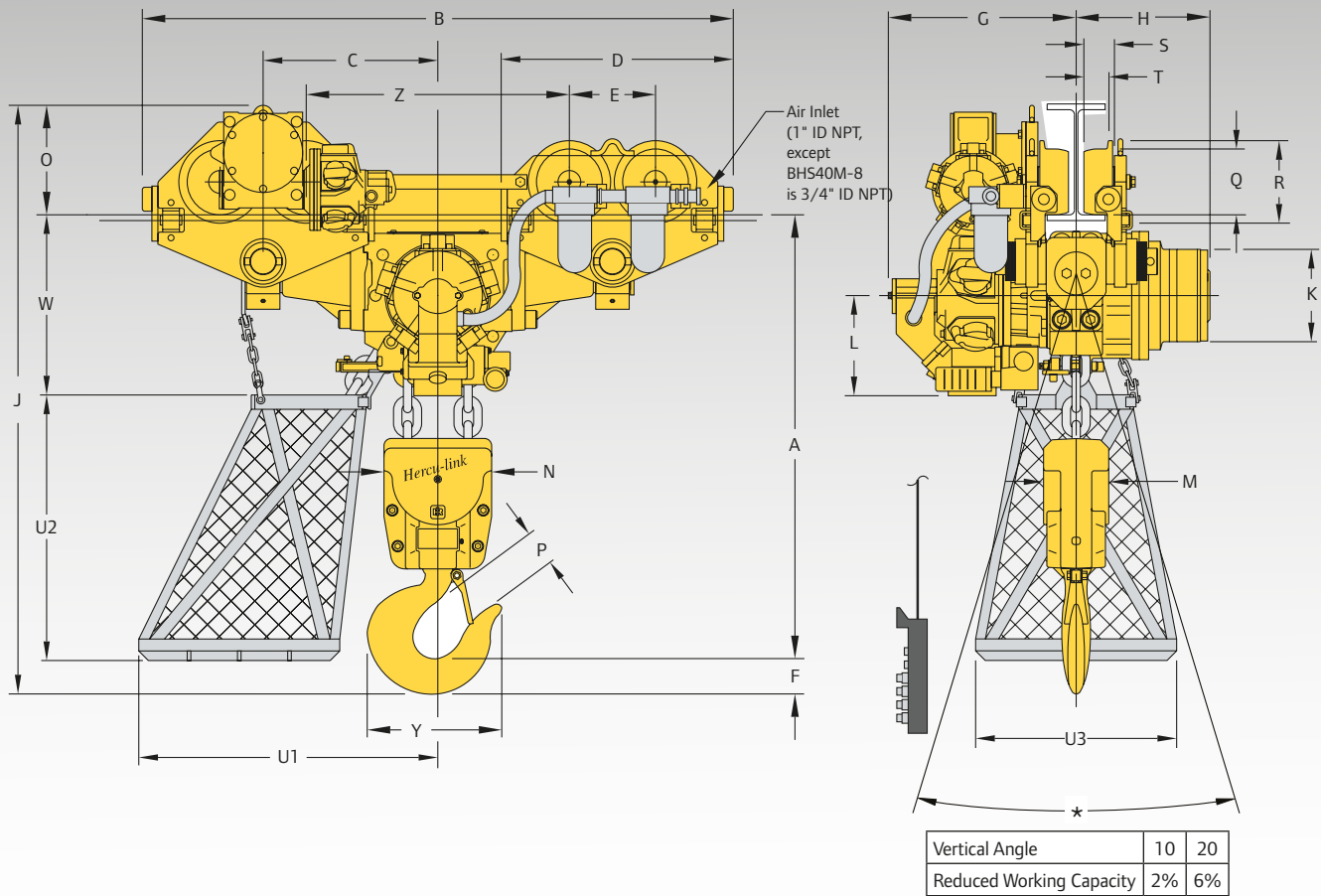
50-200 tons

Ingersoll Rand's tried and true Hercu-Link<sup>®</sup> BOP (Blowout Preventer) Handling Systems provide precise control for your BOP stack. The robust, all steel design thrives in severe environments and is available in low and ultra-low headroom models to fit your rig's needs.

General Characteristics									
Model	Lifting Capacity Metric Tons	Reeves of Chain	Standard Lift m (ft)	Standard Control Length m (ft)	Headroom mm (in)	Trolley Flange Adjustment Range mm (in)	Standard System Weight kg (lb)	Weight per Additional Meter of Lift kg (lb)	Wheel Loading per Pair kg (lb)
BHS50	50 (25x2)	2	9 (30)	9 (30)	1,040 (40.9)	152-203 (6 -8)	2,616 (5,755)	42 (92)	6,552 (14,414)
BHS75	75 (37.5x2)	3	9 (30)	9 (30)	1,243 (48.9)	203-254 (8-10)	2,844 (6,257)	64 (141)	9,896 (21,771)
BHS100	100 (50x2)	4	9 (30)	9 (30)	1,346 (53.0)	203-254 (8-10)	3,526 (7,757)	86 (189)	13,104 (28,828)
BHS150X	150 (75x2)	6	9 (30)	9 (30)	1,617 (57.3)	203-254 (8-10)	3,946 (8681)	130 (286)	19,137 (42101)
BHS150	150 (75x2)	3	9 (30)	9 (30)	2,056 (80.9)	203-254 (8-10)	4,527 (9,959)	136 (299)	9,896 (21,771)
BHS200	200 (100x2)	4	9 (30)	9 (30)	2,097 (82.5)	203-254 (8-10)	5,005 (11,011)	182 (400)	13,104 (28,828)

Performance										
Model	Lifting Capacity Metric Tons	Hoist Performance				Trolley Performance				
		Lifting Speed		Lowering speed m/min (fpm)	Air inlet	Required Air Flow m <sup>3</sup> /min (cfm)	Working Air Pressure bar (psi)	Powered Trolley Traverse Speed m/min (fpm)	Required Air Flow m <sup>3</sup> /min (cfm)	Working Air Pressure bar (psi)
		Full Load m/min (fpm)	No Load m/min (fpm)							
BHS50	50 (25x2)	1.2 (4.0)	1.2 (4.0)	1.8 (6.0)	1 NPT	7.9 (280)	7.3 (105)	0-12 (0-40)	1.6 (65)	7.3 (105)
BHS75	75 (37.5x2)	0.8 (2.5)	0.8 (2.5)	1.1 (3.8)	1 NPT	7.9 (280)	7.3 (105)	0-12 (0-40)	1.6 (65)	7.3 (105)
BHS100	100 (50x2)	0.6 (2.0)	0.6 (2.0)	0.9 (3.0)	1 NPT	7.9 (280)	7.3 (105)	0-12 (0-40)	1.6 (65)	7.3 (105)
BHS150X	150 (75x2)	0.7 (2.5)	0.7 (2.5)	0.7 (2.2)	1 NPT	7.9 (280)	7.3 (105)	0-12 (0-40)	1.6 (65)	7.3 (105)
BHS150	150 (75x2)	0.7 (2.5)	0.7 (2.5)	0.7 (2.5)	1-1/2 NPT	19.8 (700)	7.3 (105)	0-12 (0-40)	1.6 (65)	7.3 (105)
BHS200	200 (100x2)	0.6 (2.0)	0.6 (2.0)	0.6 (2.0)	1-1/2 NPT	19.8 (700)	7.3 (105)	0-12 (0-40)	1.6 (65)	7.3 (105)





Vertical Angle	10	20
Reduced Working Capacity	2%	6%

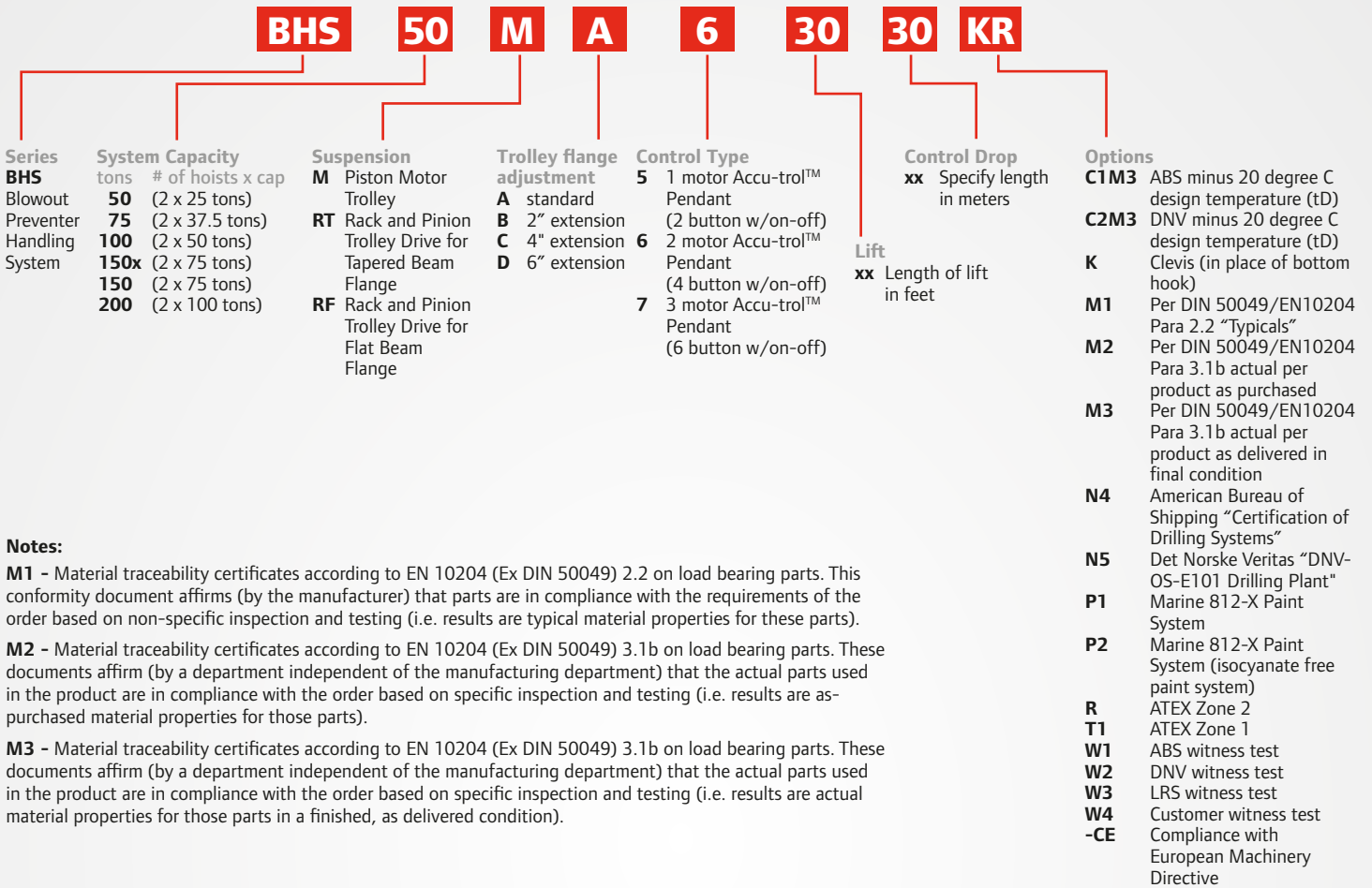
Dimensions mm (in)											
Model	A	B	C	D	E	F	G	H	J	L	
BHS50M	1,040 (40.94)	1,568 (61.75)	578 (22.75)	616 (24.25)	229 (9)	92 (3.63)	495 (19.5)	379 (14.9)	1,422 (56)	251 (9.88)	
BHS75M	1,243 (48.94)	1,648 (64.88)	610 (24)	673 (26.5)	298 (11.75)	129 (5.06)	572 (22.5)	455 (17.9)	1,702 (67)	251 (9.88)	
BHS100M	1,346 (53)	1,648 (64.88)	610 (24)	673 (26.5)	298 (11.75)	165 (6.5)	572 (22.5)	455 (17.9)	1,842 (72.5)	251 (9.88)	
BHS150X	2,056 (80.9)	2,432 (95.75)	689 (27.13)	1,013 (39.88)	432 (17.0)	187 (7.3)	989 (39.0)	705 (27.7)	2,700 (106.3)	-	
BHS150	1,668 (65.7)	1,543 (60.8)	403 (15.87)	731 (28.8)	298 (11.8)	187 (7.3)	572 (22.5)	455 (17.9)	2,363 (93.1)	251 (9.88)	
BHS200	2,097 (82.5)	2,432 (95.75)	689 (27.13)	1,013 (39.88)	432 (17.0)	202 (8.0)	989 (39.0)	705 (27.7)	2,700 (106.3)	-	
	M	N	O	P	Q	R	S	T	W	Y	Z
BHS50M	175 (6.88)	286 (11.25)	291 (11.44)	102 (4)	175 (6.88)	219 (8.63)	81 (3.19)	65 (2.56)	484 (19.06)	346 (13.63)	699 (27.5)
BHS75M	283 (11.13)	286 (11.25)	330 (13)	121 (4.75)	229 (9)	289 (11.38)	78 (3.06)	57 (2.25)	487 (19.19)	392 (15.44)	622 (24.5)
BHS100M	321 (12.63)	286 (11.25)	330 (13)	165 (6.5)	229 (9)	289 (11.38)	78 (3.06)	57 (2.25)	487 (19.19)	622 (20.63)	622 (24.5)
BHS150X	387 (15.25)	508 (20.00)	375 (14.75)	137 (5.4)	330 (13.00)	397 (15.63)	86 (3.38)	59 (2.3)	992 (39.1)	550 (21.6)	946 (37.25)
BHS150	350 (13.8)	476 (18.8)	292 (11.5)	137 (5.4)	229 (9.00)	289 (11.38)	78 (3.06)	57 (2.25)	732 (28.8)	550 (21.6)	502 (19.75)
BHS200	438 (17.24)	508 (20.00)	375 (14.75)	168 (6.6)	330 (13.00)	397 (15.63)	86 (3.38)	59 (2.3)	992 (39.1)	586 (23.1)	946 (37.25)

Chain Container Dimensions for 9m (30 ft) standard lift <sup>(1)</sup> - mm (in)			
Model	U1	U2	U3
BHS50M	793 (31.3)	706 (27.8)	533 (21.0)
BHS75M	945 (37.2)	859 (33.8)	610 (24.0)
BHS100M	921 (36.2)	935 (36.8)	635 (25.0)
BHS150X	1,240 (48.8)	1,156 (45.5)	762 (30.0)
BHS150	1,568 (61.7)	999 (39.3)	1,016 (40.0)
BHS200	1,568 (61.7)	999 (39.3)	1,016 (40.0)

Dimensions shown are mm. Dimensions in Brackets [ ] are inches. Dimensions are subject to change. Contact factory for certified drawings.

<sup>(1)</sup> Chain containers are available with many other dimensions. Please contact Client Services for details.

## How to Order



### Notes:

- M1** - Material traceability certificates according to EN 10204 (Ex DIN 50049) 2.2 on load bearing parts. This conformity document affirms (by the manufacturer) that parts are in compliance with the requirements of the order based on non-specific inspection and testing (i.e. results are typical material properties for these parts).
- M2** - Material traceability certificates according to EN 10204 (Ex DIN 50049) 3.1b on load bearing parts. These documents affirm (by a department independent of the manufacturing department) that the actual parts used in the product are in compliance with the order based on specific inspection and testing (i.e. results are as-purchased material properties for those parts).
- M3** - Material traceability certificates according to EN 10204 (Ex DIN 50049) 3.1b on load bearing parts. These documents affirm (by a department independent of the manufacturing department) that the actual parts used in the product are in compliance with the order based on specific inspection and testing (i.e. results are actual material properties for those parts in a finished, as delivered condition).



For More Information [www.ingersollrandproducts.com/lifting](http://www.ingersollrandproducts.com/lifting) [lifting@irco.com](mailto:lifting@irco.com)

Ingersoll Rand, IR, the IR logo and Impactool are trademarks of Ingersoll Rand, its subsidiaries and/or affiliates. All other trademarks are the property of their respective owners. Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request. Product improvement is a continuing goal at Ingersoll Rand. Designs and specifications are subject to change without notice or obligation. Unless otherwise noted this equipment is not designed for transporting people or lifting loads over people. It is the user's responsibility to determine the suitability of this product for any particular use and to check compliance with applicable regulations. Before installation, see maintenance and operations manual for additional warnings and precautions.