



Air Hoist | Profi EH / Monorail Air Hoist Units / Heavy Duty

Features:

- Capacities 250 Kg – 20.000 Kg
- Motor driven trolleys in standard geared motors or with Rack and pinion drive systems.
- Suitable for application in Hazardous areas
- Sensitive infinitely variable speed control for the precise positioning of loads
- Frequent switching and extended duty cycles
- Fail safe starting, low maintenance vane motor
- Planetary gearbox with high grade steel gears
- Low headroom, Light Weight
- Insensitive to dust, humidity and temperatures ranging from -20°C...+70°C
- Low sound emissions

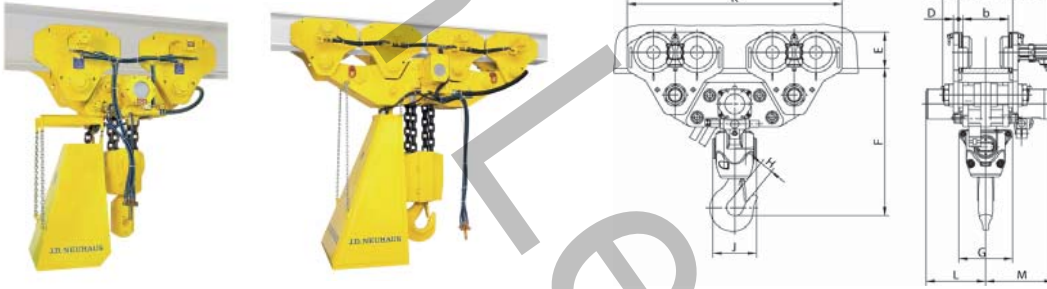
Optional:

- Different options of control, cord control, pendant control, E-type robust control.
- Air service units, Filter, Regulator
- Chain box
- Offshore coating
- Testing
- Spark resistant packages
- Power supply systems by Spiral hose, energy chain or c_rails with hose trolleys.

Technical information:

EH Monorail hoists are available with air and hydraulic drive for the offshore industry or wherever heavy loads have to be moved in reduced spaces. Depending on the application the monorail hoist can be used in tandem operation. For example in BOP systems Third party acceptance by DNW, ABS or Lloyd's available on request. Explosion Classification ATEX 94/9/EEC:

- 1) Standard: EX II 2GD IIA T4(X) / EX II 3GD IIB T4(X)
- 2) With increased spark protection: EX II GD IIC T4(X)



Monorail Air Hoist Units PROFI EH									
Type		EH 10	EH 16	EH 20	EH 25	EH 37	EH 50	EH 75	EH100
Carrying capacity	t	10	16	20	25	37,5	50	75	100
Number of chain strands		2	3	4	2	3	4	3	4
Motor output Trolley	kW	0,7	0,7	0,7	1,4	1,4	1,4	2,8	2,8
Motor output Hoist	kW	3,5	3,5	3,5	6	6	6	10	10
Air pressure	bar	6	6	6	6	6	6	6	6
Lifting speed at full load	m/min	1,6	1	0,7	1,1	0,65	0,5	0,45	0,35
Lifting speed without load	m/min	3,2	2	1,4	2,3	1,6	1,1	0,85	0,65
Lowering speed at full load	m/min	3,4	2,1	1,6	1,9	1,5	0,9	1	0,75
Travelling speed at full load	m/min	12	12	12	12	12	12	12	12
Travelling speed without load	m/min	13,5	13,5	13,5	13,5	13,5	13,5	13,5	13,5
Air consumption Trolley	m³/min	1,3	1,3	1,3	2,6	2,6	2,6	5,2	5,2
Air consumption Hoist	m³/min	3,2	3,2	4	5,5	5,5	5,5	11	11
Air connection		G 3/4	G 3/4	G 3/4	G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2	G 1 1/2
Hose dimension (Ø inside /Ø outside)	mm	19/31	19/31	19/31	25/39	25/39	25/39	35/51	35/51
Weight with standard lift	Kg	450	575	620	950	1450	1780	4000	5700
Chain dimension	mm	16 x 45	16 x 45	16 x 45	23,5 x 66	23,5 x 66	23,5 x 66	32 x 90	32 x 90
Weight of 1 m chain	Kg	5,8	5,8	5,8	12,2	12,2	12,2	21,3	21,3
Standard lift	m	3	3	3	3	3	3	3	3
Length of control at standard lift	m	2	2	2	2	2	2	2	2
Sound level at full load_ with standard silencer - lifting	dB(A)	78	78	80	83	83	83	88	88
Sound level at full load_ with standard silencer - lowering	dB(A)	80	80	84	83	83	83	89	89
Type		EH 10	EH 16	EH 20	EH 25	EH 37	EH 50	EH 75	EH100
A max.	mm	105	130	130	146	100	125	100	125
B	mm	70	68	68	70	68	68	68	68
C	mm	285	295	295	285	295	300	295	300
D	mm	25	35	35	25	35	40	35	40
E	mm	198	220	220	198	220	283	220	283
F*	mm	705	750	820	998	1070	1150	1480	1535
G	mm	138	213	202	170	190	420	286	575
H	mm	44	53	75	75	100	100	120	120
J	mm	192	185	266	350	455	340	740	470
K	mm	580	600	600	1185	1730	1680	3210	3130
L	mm	308	367	367	377	377	462	640	762
M	mm	266	325	325	435	435	560	655	750