

Air Hoists

ENDO Series



CONDUCTIX
wamplер

Ⓢ DELACHAUX GROUP

Contents

Description	Max. Capacity lb (kg)	Max. Lift Height ft (m)	Pg.
Air Hoist Features and Benefits			3
Specification Data Sheets, Warnings, and Guidelines			4
Wire Rope Hoists - General Features			5
EHW-60	132 (60)	6.6 (1.9)	6
EHW-120	264 (120)	6.6 (1.9)	6
EHW-60R	132 (60)	6.6 (1.9)	7
EHW-120R	264.6 (120)	6.6 (1.9)	7
AH250R	551 (250)	8.2 (2.5)	8
Chain Hoists - General Features			9
AT-60K	132 (60)	9.8 (3.0)	10
AT-125K	275 (125)	9.8 (3.0)	10
ATC-60	132 (60)	6.65 (2.0)	11
ATC-125	275 (125)	6.65 (2.0)	11
EHL-025TS	551 (250)	9.8 (3.0)	12
EHL-05TS	1102 (500)	9.8 (3.0)	12
EHL-1TS	2204 (1000)	9.8 (3.0)	12
EHL-3TS	6613 (3000)	9.8 (3.0)	12
EHL-1TW	2204 (1000)	9.8 (3.0)	13
EHL-2TW	4409 (2000)	9.8 (3.0)	13
EHL-6TW	13227 (6000)	9.8 (3.0)	13
Air Powered Trolleys			14-15
Series MTH			14-15
Accessories - Manual Trolleys, Cleaner Set, Overload Protector, Stainless Steel Chain, Chain Buckets			16
Warranty			17
Industrial Assembly Solutions			18
Field Service and Other Conductix-Wampfler Products			19
Conductix-Wampfler Contact Information			20

Conductix-Wampfler proudly offers the **ENDO Series** of high-efficiency air hoists. Prior to the merger between Conductix and Wampfler, and since 1979, Wampfler USA was the exclusive USA distributor of quality ENDO products in the USA. This partnership now continues with the combined strength of ENDO and the Conductix-Wampfler sales organization.

ENDO products are built at their ISO 9001:2000 certified factory in Niigata, Japan. Their stringent quality systems assure that you will get the right air hoist . . . every time!

Conductix-Wampfler in the USA, headquartered in Omaha, NE, started as "Industrial Electric Reels" (IER) and later merged with "Insul-8 Corporation". In 1991, the Insul-8 plant was moved to Harlan, Iowa. In 2006, the company, part of the Delachaux Group since 1975, was renamed "Conductix". Now, with the merger of Conductix and Wampfler in 2007, **Conductix-Wampfler** is the world leader in the design and manufacture of high-performance energy and data transmission systems for industrial applications and the proud representative of ENDO Air Hoists and Balancers.



ENDO High-Efficiency Air Hoists

ENDO Air Hoists can provide a more efficient solution than electric hoists:

Air hoists are ideal for applications where:

- **Accurate work placement is needed:** Air hoists allow for continuously variable speed control for precise positioning.
- **Continuous operation is needed:** Air hoists are self-cooling during operation; the “run-time” and “number of starts” are unlimited.
- **A delicate load must be lifted:** Continuously variable air speed controls eliminate rough stops and starts.
- **The work area contains hazardous fumes:** Air hoists reduce the chance of electrical arcing hazards from an electric motor.

When selecting air hoists:

- Size the air hoist based on load and lifting length requirements. Please refer to the Specification Data Sheet on Pg. 4.

ENDO Air Hoist Features

- **Easy Handling:** Due to the small, compact, but powerful hoist bodies.
- **Improved working efficiency:** Especially with repeat lift jobs, since ENDO hoists are high speed don't overheat.
- **Ability to do precise work:** Such as fixture setting, due to smooth, continuous operation. ENDO air hoist use continuously variable speed controls. Operation depends on the degree of force used on the push buttons or the amount of pull applied to the control rope. This controls the amount of air allowed into the hoist motor.
- **Easy installation:** The air hoist is ready to work as soon as you connect the air hose. No adjustment necessary. Always make sure that you have air flowing before you connect the hoist to avoid any problems with the control valve. (Check operations manual for filter, lubrication, and installation requirements.)
- **Indoor Use Only:** Ambient temperature range from 14°F to 122°F (-10°C to 50°C).



Model EHW
Wire Rope Hoist



Model EHL
Chain Hoist



Model MTH
Air Trolley System

Specification Data Sheet

To choose the air hoist that will perform properly, please fill in the following information to obtain a quote.

Request Date:	_____	Sales Person:	_____
Company:	_____	Contact:	_____
	_____	Title:	_____
	_____	Telephone:	_____
	_____	Fax:	_____
	_____	E-Mail:	_____

General Operating Conditions

Environment: ☐ Indoor ☐ Outdoor Temperature range (°F) _____ Min _____ Max
Humidity (%) _____
Corrosives? (List) _____
Clean Room? _____
Food Prep Area? _____

Air Hoist Specifications

General Application _____
Type of Items to be lifted _____
Maximum Weight of Items to be lifted _____
Required Maximum Lift Height Range _____
Average Lifts (per day) _____

AIR HOIST SAFETY WARNINGS - PLEASE READ

- Do not operate the hoist before reading the instruction manual
- Do not lift or transport personnel with any equipment shown or described in this catalog.
- Instruct all employees working around cranes or hoists, or assisting in hooking/arranging a load, not to stand under the load.
- Never operate a damaged or malfunctioning hoist or a hoist with a twisted or damaged rope or chain.
- Check all applicable industry, trade association, federal, state and local regulations.
- Be sure that supporting structures and load-attaching devices used to suspend the hoist are adequate to handle the rated load plus the weight of the hoist.
- Before lifting, make sure that the load is correctly seated on the load hook and centered with the hoist.
- Never overload any hoisting equipment. Read all operating instructions and warnings carefully.
- Do not operate the hoist without lubricator and filter.

Phone: 800 326 2899 | 800 521 4888 | 859-814-2100
Fax: 858-814-2110 | 800-780-8329



Visit www.conductix.com for the most current information.

Wire Rope Series

ENDO Wire Rope Air Hoist Features

- **Reduction Gears:** Small, light, heat-treated planetary gears can accommodate large speed reductions.
- **Control Valve:** Engineered with spring-return spool valves, two positions and three ports. The valve works by controlling the lever switch connected to the spool.
- **Cone Brake System:** Integrated into the wire rope hoist and connected using the control valve coupled to the speed reduction mechanism in the motor.
- **Reverse Winding Protection:** Incorporated as a safety feature to shut down the motor if the wire rope exceeds the 6.33 ft (1.9 m) stroke.

Basic Styles of Wire Rope Hoists



EHW-60 EHW-120
(Body and hook moving type)



EHW-60R-120R
(hook moving type with pendant control)



AH-250R
(hook moving type with pendant control)

Series EHW Wire Rope Air Hoist



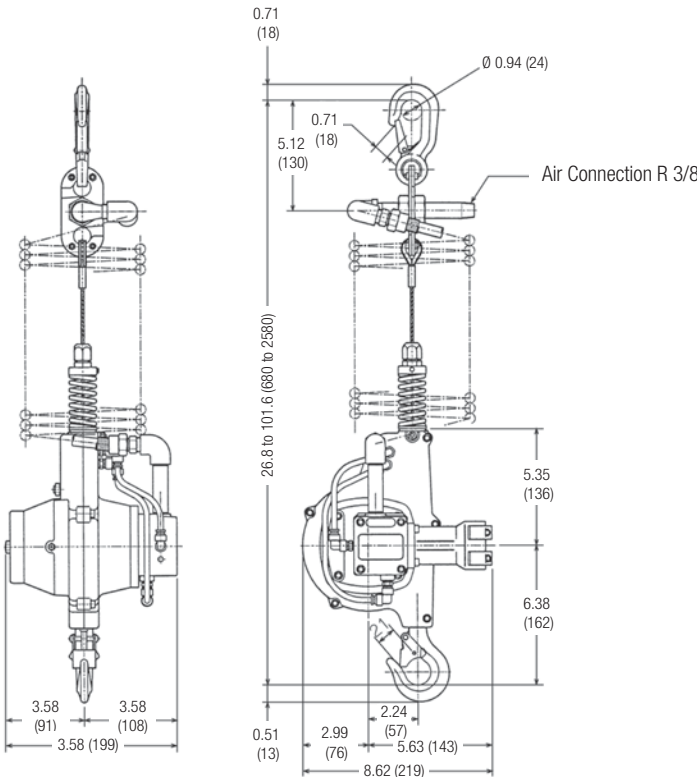
The Series EHW air powered wire rope hoist is offered with direct manipulator style control. Air power provides the benefits of more precise placement of objects, and no down time needed to cool the hoist, as would be the case with an electric hoist. These hoists are ready for operation upon receipt. Simply connect the air lines supplying lubricated air. For a complete, turn-key system, add a Conductix-Wampfler Jib boom from our 401 catalog.

- Ready to use, just connect lubricated air supply.
- Compact and lightweight.
- Conical brake and rotary vane air motor design
- Wire rope diameter: 0.125" (3.18 mm)
- **Lift Height:** 6.6 feet (1.9 meters)

Part No.	Rated Load		Air Pressure		Lifting Speed		Air Consumption		Air Inlet in.	Wt	
	lb	(kg)	bar	(PSI)	[m/min]	[ft/min]	[m3/min]	[CFM]		lb	(kg)
EHW-60	132	60	4	58.0	18.5	60.7	0.55	19.4	3/8" NPT	20.3	9.2
			5	72.5	22.5	73.8	0.70	24.7			
			6	87.0	26.0	85.3	0.88	31.1			
EHW-120	264	120	4	58.0	11.0	36.6	0.59	20.8	3/8" NPT	20.7	9.4
			5	72.5	13.5	44.6	0.75	26.5			
			6	87.0	16.0	52.5	0.93	32.8			

Spare Parts

Cable	LHP000064
Wire guide set	LHP000150



Series EHW-R Wire Rope Air Hoist



The Series EHW air powered wire rope hoist is offered with pendant-style control. Air power provides the benefits of more precise placement of objects, and no down time need to cool the hoist, as would be the case with an electric hoist. These hoists are ready for operation upon receipt. Simply connect the air lines supplying lubricated air. For a complete, turn-key system, add a Conductix-Wampfler Jib boom from our 401 catalog.

- Ready to use, just connect lubricated air supply.
- Compact and lightweight.
- Conical brake and rotary vane air motor design
- Wire rope diameter: 0.125" (3.18 mm)
- **Lift Height:** 6.6 feet (1.9 meters)

Part No.	Rated Load lb (kg)		Air Pressure bar (PSI)		Lifting Speed [m/min] [ft/min]		Air Consumption [m3/min] [CFM]		Air Inlet in.	Wt lb (kg)	
EHW-60R	132	60	4	58.0	18.5	60.7	0.55	19.4	3/8" NPT	20.9	9.2
			5	72.5	22.5	73.8	0.70	24.7			
			6	87.0	26.0	85.3	0.88	31.1			
EHW-120R	264	120	4	58.0	11.0	36.6	0.59	20.8	3/8" NPT	21.4	9.57
			5	72.5	13.5	44.6	0.75	26.5			
			6	87.0	16.0	52.5	0.93	32.8			

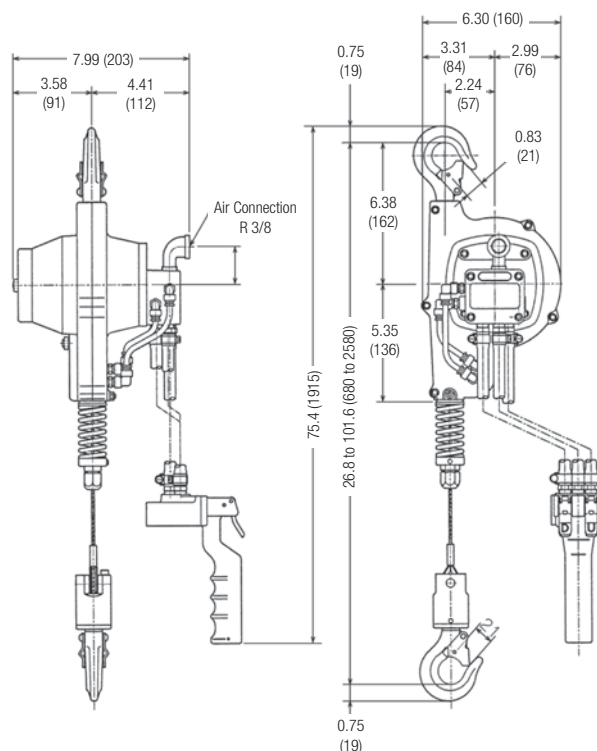
Optional Speed Control: Standard control is shown at the left. To order optional control with red emergency stop button - shown at the right - add "- 5" to the part number.



Spare Parts

Cable LPH000064

Wire guide set LPH000150



Series AH-250R Wire Rope Air Hoist

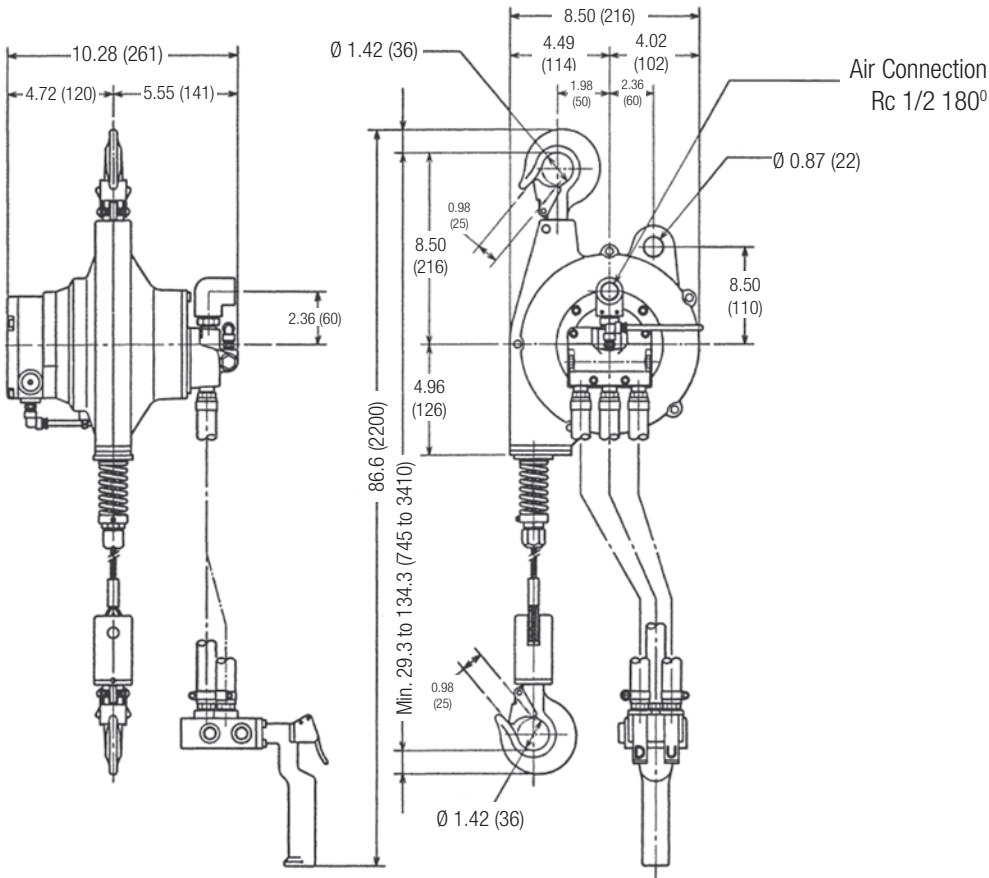


The compact, lightweight Series AH-250R air powered wire rope hoist is offered with a pendant control. Air power provides the benefits of more precise placement of objects, and no down time need to cool the hoist, as would be the case with an electric hoist. These hoists are ready for operation upon receipt. Simply connect the air lines supplying lubricated air.

- Conical brake and rotary vane air motor design
- **Lift Height:** 8.2 feet (2.5 meters)

Part No.	Rated Load		Air Pressure		Lifting Speed		Air Consumption		Air Inlet	Wt
	lb	(kg)	bar	(PSI)	[m/min]	[ft/min]	[m3/min]	[CFM]	in.	lb (kg)
AH-250R	551	250	4	58.0	9.0	29.5	0.75	26.5	1/2" NPT	40.1 18.2
			5	72.5	10.0	32.5	0.92	32.5		
			6	87.0	11.0	36.0	1.1	38.8		

Spare Parts	
Cable	LPH000249
Wire guide set	P2H600589



Chain Series

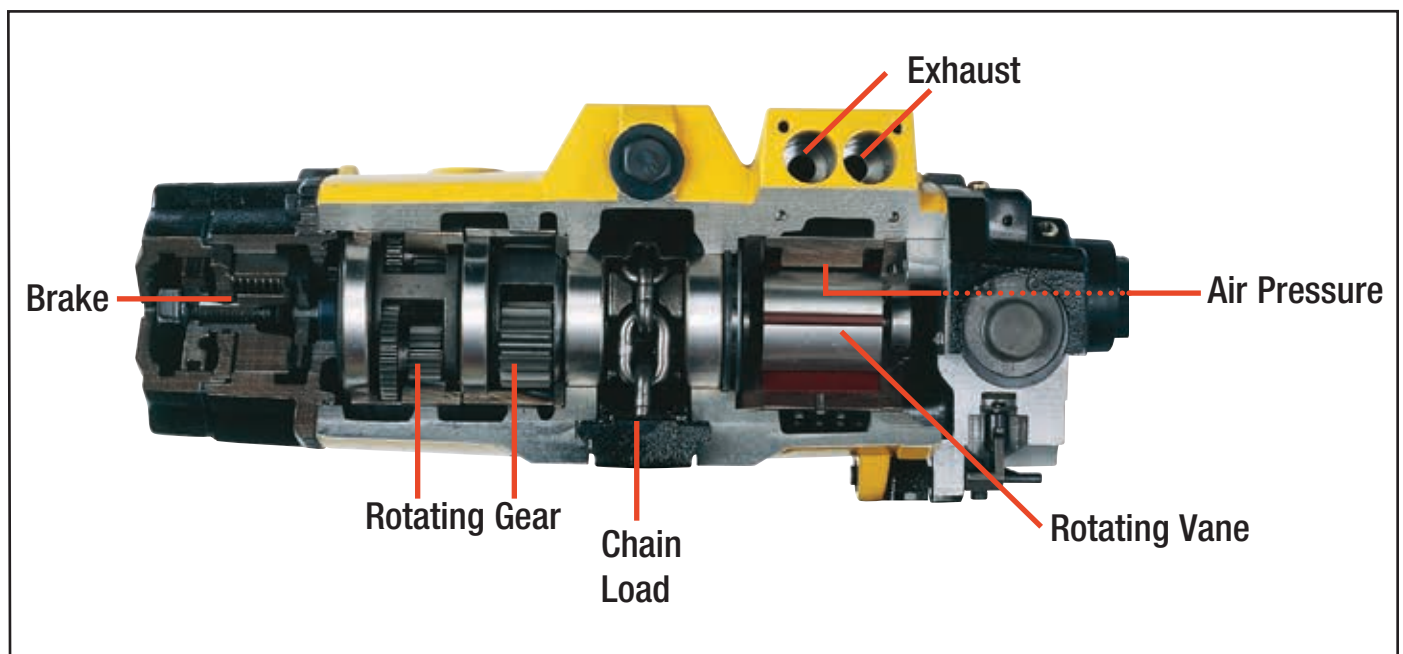
ENDO Chain Air Hoist Features

- **Ideal for frequent hoist operation:** No heat build-up, making it possible to operate the hoist continuously without a cool-down period.
- **High load capacities:** Available from 132 lb (60 kg) to 6 tons with a variety of options.
- **Handles longer lift heights:** Approximately 57% longer lift height than EHW-60/EHW-120 or EHW-60R/EHW120R wire rope hoists. Many models can accept a longer chain with an optional larger basket.
- **More headroom with the AT-60K or AT-125K:** Smaller, more compact than the EHW rope series.
- **Safety features:** AT-60K and AT-125K have factory installed lift and lower limit switch. Selected EHL models offer optional overload protection.
- **Chain life:** Chains last longer than wire rope. For example, the AT-60K or AT-125K will run 70,000 cycles before the chain needs to be replaced, versus 1500 cycles for wire rope.
- **All ENDO chains are surface hardened load chain with T, Grade 8**



Basic Structure of the ENDO Chain Air Hoists

The ENDO vane motor consists of a set of seven vanes incorporated into the rotor. The vanes cause the rotor to rotate when exposed to air pressure thus enabling the motor to raise and lower the load.



Series AT Chain Air Hoist

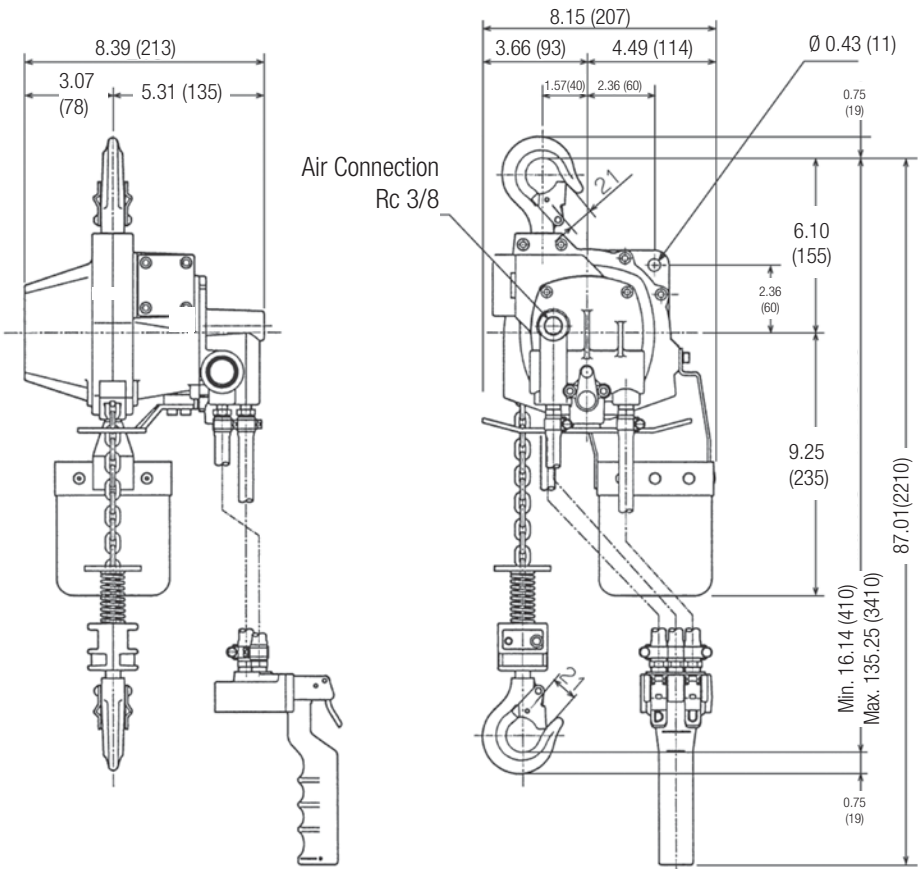


The compact, light-weight AT-60K and AT-125K hoists combine the high speeds of wire rope hoists (up to 77 ft./minute) with the high durability of chain hoists. These hoists are ready for operation right out of the box; just connect lubricated air. Can be mounted on air trolley or manual trolley - by request.

- Conical brake and rotary vane motor design
- Pendant control for precise variable lifting and lowering speed
- Low headroom - approximately 14 inches (356mm)
- Chain size: 4 x 12 mm, 11 links per 132 mm section of chain
- **Lift Height:** 9.8 feet (3 meters). Chain extension available.

Rated Load lb (kg)	Part No.	Air Pressure		Lifting Speed		Air Consumption		Air Inlet in.	Wt	
		bar	PSI	m/min	ft/min	m3	cfm		lb	(kg)
132 (60)	AT-60K	4	(58)	16.5	(54)	0.52	(18)	0.375	27	(12.3)
		5	(72)	20.0	(66)	0.67	(23)			
		6	(87)	23.5	(77)	0.85	(30)			
275 (125)	AT-125K	4	(58)	10.0	(33)	0.55	(19)	0.375	28	(12.5)
		5	(72)	12.0	(39)	0.71	(25)			
		6	(87)	14.5	(47)	0.9	(31)			

Optional Speed Control: Standard control is shown at the left. To order optional control with red emergency stop button - shown at the right - add "- 5" to the part number.



Series ATC Chain Air Hoist

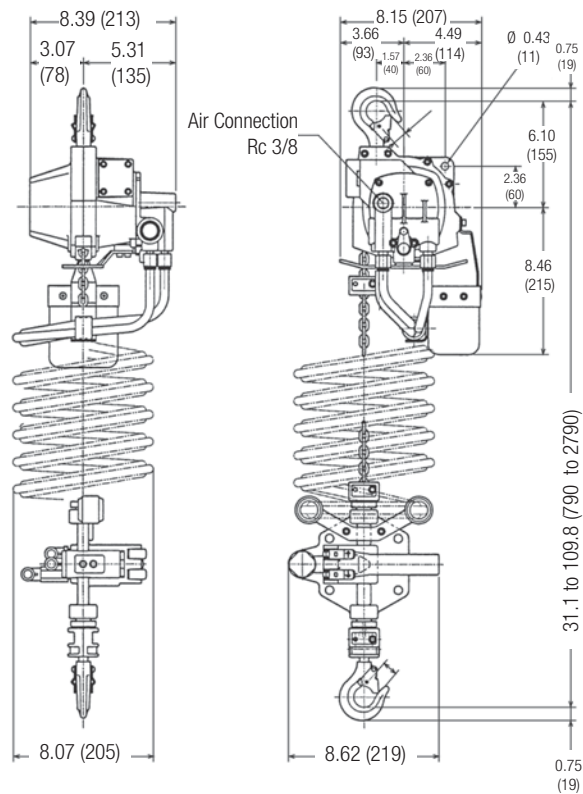


The Series ATC Air Hoist features direct-controlled operation and is ready to use. Just connect lubricated air supply. Provides precise variable lifting and lowering speed. Can be mounted on air trolley or manual trolley - by request.

- Manipulator-style pendant control for precise variable lifting and lowering speed
- Air Inlet is 3/8" NPT
- Chain size: 4 x 12 mm, 11 links per 132 mm section of chain
- **Lift Height:** 6.65 ft. (2 meters)

Rated Load lb (kg)	Part No.	Air Pressure		Lifting Speed		Air Consumption		Wt lb (kg)
		bar	PSI	m/min	FT/min	m3	cfm	
132 (60)	ATC-60K	4	(58.0)	14.0	(45.9)	0.52	(18.0)	31.5 (14.3)
		5	(72.5)	17.0	(55.8)	0.67	(23.0)	
		6	(87.0)	20.0	(65.6)	0.85	(30.0)	
275 (125)	ATC-125K	4	(58.0)	6.5	(21.3)	0.55	(19.0)	32.0 (14.5)
		5	(72.5)	10.5	(34.49)	0.71	(25.0)	
		6	(87.0)	12.0	(39.4)	0.9	(31.0)	

Optional Speed Control: Standard control is shown at the left. To order optional control with red emergency stop button - shown at the right - add "- 5" to the part number.



Series EHL (Type TS) Chain Air Hoist



EHL-025TS



EHL-05TS



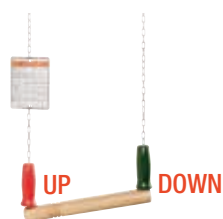
EHL-1TS

The compact, light weight Model EHL Type TS air powered chain hoist can handle weight ranges from 1/4 to 3 metric tons. These hoists come standard with a pull chain control and 3 meters of lift. Also available with pendant control, see below. Lifts can be changed from standard 3 meters to as little as 1 meter or as large as 20 meters with optional longer chain. For dimensions, see the bottom of pg. 13.

- Automatic friction brake is adjustment free and durable.
- Can be mounted on air trolley - See Pgs. 14-15.
- Overload protection available - See Pg. 16 (EHL-05TS and larger).
- Chain size: EHL-025TS/05TS: 6 x 19 mm, 5 links per 95.7 mm section of chain
- Chain size: EHL-1TS: 7 x 21 mm, 5 links per 106 mm section of chain
- Chain size: EHL-3TS: 13 x 39 mm, 5 links per 191 mm section of chain
- **Std Lift height:** 9.8 feet (3 meters). Other heights available.

Standard Pull Rope Control

Speed depends on how hard the rope is pulled. For optional pendant control, see below.



Part No.	Rated Load lb (tonne)	Air Pressure Bar (PSI)	Lifting Speed ft/min (m/min)	Air Consumption (m3/min) (CFM)	Air Inlet	Wt lb (kg)
EHL-025TS	551 (0.25)	4 (58.0)	39.6 (12.0)	0.90 (31.8)	1/2" NPT	41 (18)
		5 (72.5)	52.5 (16.0)	1.30 (45.9)		
		6 (87.0)	59.1 (18.0)	1.60 (56.5)		
EHL-05TS	1102 (0.50)	4 (58.0)	24.6 (7.50)	0.95 (33.5)	1/2" NPT	41 (18)
		5 (72.5)	29.5 (9.00)	1.30 (45.9)		
		6 (87.0)	34.4 (10.5)	1.65 (58.3)		
EHL-1TS	2204 (1.00)	4 (58.0)	13.1 (4.00)	1.00 (35.3)	1/2" NPT	75 (34)
		5 (72.5)	17.1 (5.20)	1.40 (49.4)		
		6 (87.0)	19.7 (6.00)	1.80 (63.6)		
EHL-3TS	6613 (3.00)	4 (58.0)	6.60 (2.00)	1.75 (53.0)	3/4" NPT	165 (75)
		5 (72.5)	8.50 (2.60)	2.47 (87.3)		
		6 (87.0)	9.90 (3.00)	3.14 (110.9)		

Optional Pendant Controls



DOWN

UP



PCS-1
PCS-2



PCS-1B
PCS-2B

Optional Pendant Controls are available to replace the standard pull rope control on "EHL" hoists only. Available without or with an emergency safety switch. Maximum pendant hose is 19.7 ft (6 m). Hose must be less than 26.25 ft (8 m) long.

Hoist Part No.	Pendant Part No. Standard	Pendant Part No. w/ Emergency Switch	Wt lb (kg)
EHL-025TS	PCS-1	PCS-1B	5.1 (2.3)
EHL-05TS	PCS-1	PCS-1B	5.1 (2.3)
EHL-1TW	PCS-1	PCS-1B	5.1 (2.3)
EHL-1TS	PCS-2	PCS-2B	6.0 (2.7)
EHL-2TW	PCS-2	PCS-2B	6.0 (2.7)
EHL-3TS	PCS-2	PCS-2B	6.0 (2.7)
EHL-6TW	PCS-2	PCS-2B	6.0 (2.7)

Series EHL (Type TW) Chain Air Hoist



EHL-1TW

EHL-2TW



EHL-3TW

The compact, light weight model EHL, Type TW, air powered chain hoist can handle weight ranges from 1 to 6 metric tons. These hoist come standard with a pull chain control and 3 meters of lift. Also available with pendant control, see Pg. 12. Lifts can be changed from 3 meters to as little as 1 meter or as large as 20 meters with optional longer chain. For dimensions, see the bottom of this page.

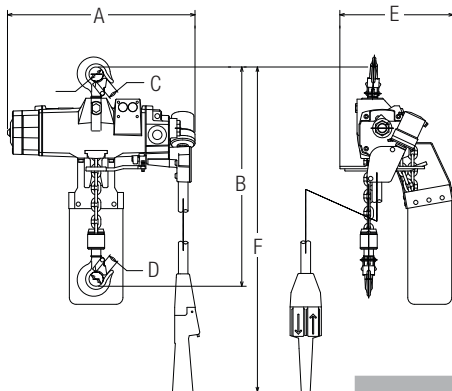
- Automatic friction brake is adjustment-free and durable.
- Can be mounted on air trolley - See Pgs. 14-15.
- Overload protection available - See Pg. 16.
- **Chain size:** EHL-1TW: 6 x 19 mm, 5 links per 95.7 mm section of chain
- **Chain size:** EHL-2TW: 7 x 21 mm, 5 links per 106 mm section of chain
- **Chain size:** EHL-6TW: 13 x 39 mm, 5 links per 191 mm section of chain
- **Std Lift Height:** 9.8 feet (3 meters). Other lift heights available.

Standard Pull Rope Control

Speed depends on how hard the rope is pulled. For optional pendant control, see Pg. 12.



Part No.	Rated Load lb (tonne)	Air Pressure Bar (PSI)	Lifting Speed ft/min. (m/min.)	Air Consumption (m3/min) (CFM)	Air Inlet in	Wt lb (kg)
EHL-1TW	2204 (1.00)	4 (58.0)	12.1 (3.70)	0.95 (33.5)	1/2" NPT	58 (24)
		5 (72.5)	14.8 (4.50)	1.30 (45.9)		
		6 (87.0)	17.1 (5.20)	1.65 (58.3)		
EHL-2TW	4409 (2.00)	4 (58.0)	6.60 (2.00)	1.00 (35.3)	1/2" NPT	92 (4)
		5 (72.5)	8.50 (2.60)	1.40 (49.4)		
		6 (87.0)	9.90 (3.00)	1.8 (63.6)		
EHL-6TW	13227 (6.00)	4 (58.0)	3.30 (1.00)	1.75 (53.0)	3/4" NPT	211 (96)
		5 (72.5)	4.30 (1.30)	2.47 (87.3)		
		6 (87.0)	4.90 (1.50)	3.14 (110.9)		



Model EHL Dimensions

Part No.	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	F in. (mm)
EHL-025TS	13.62 (345)	14.76 to 132.87 (374 to 3374)	.98 (24.8)	.98 (24)	11.42 (290)	94 (2387)
EHL-05TS	13.62 (345)	14.76 to 132.87 (374 to 3374)	.98 (24.8)	.98 (24)	11.42 (290)	94 (2387)
EHL-1TS	19.17 (486)	18.78 to 136.89 (477 to 3477)	1.26 (32)	1.14 (28.9)	11.22 (284)	97 (2463)
EHL-3TS	22.68 (576)	22.91 to 141.02 (581 to 3581)	1.93 (32)	1.42 (36)	13.70 (347)	104 (2641)
EHL-1TW	13.62 (345)	18.90 to 137.00 (480 to 3479)	1.14 (28.9)	1.14 (28.9)	11.42 (290)	95 (2413)
EHL-2TW	19.17 (486)	21.10 to 139.21 (535 to 3535)	1.26 (32)	1.26 (32)	11.22 (284)	97 (2463)
EHL-6TW	22.68 (576)	30.24 to 148.35 (768 to 3768)	1.93 (32)	1.93 (49)	13.70 (347)	104 (2641)

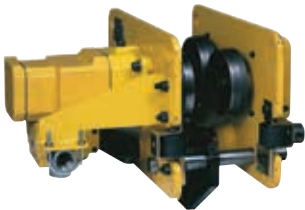
Series MTH Air Motor Trolley



MTH-6.3T w/EHL-3TS hoist and optional PCS-42 4-button control

The ENDO air motor trolley is used to propel the EHL air hoist along an I-beam. These trolleys are ideal for hazardous locations, such as a chemical factory, since the power source is not electricity, but compressed air. The unit uses stepless speed controls for precise operation.

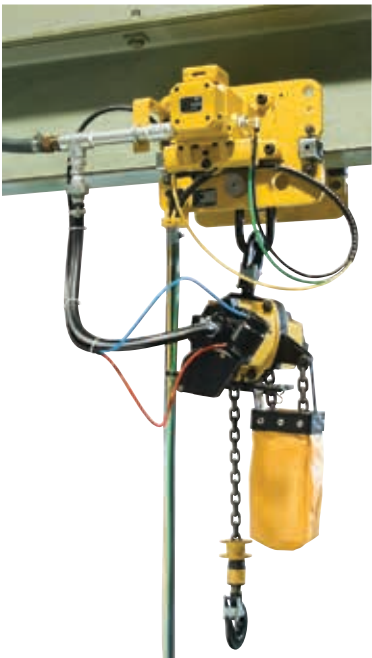
For Hoist Model	Use Air Motor Trolley Model
EHL-025TS	MTH-1T-5
EHL-05TS	MTH-1T-5
EHL-098TW	MTH-1T-5
EHL-1TW	MTH-1T-5
EHL-1TS	MTH-2T-5
EHL-2TW	MTH-2T-5
EHL-3TS	MTH-6.3T
EHL-6TW	MTH-6.3T



Close-up of Trolley Wheel Assembly

Operational Capacities and Data

Part No.	Cap. (tonne)	Air Pressure Bar (PSI)	Traveling Speed ft/min. (m/min.)	Air Consumption (cf/min) (m³/min)	Air Inlet Rc	Wt lb (kg)
MTH-1T-5	1	4 (58.0)	65.6 (20)	19.42 (.55)	1/2" NPT	77.16 (35)
		5 (72.5)	82.0 (25)	21.19 (.60)		
		6 (87.0)	91.9 (28)	37.08 (1.05)		
MTH-2T-5	2	4 (58.0)	52.5 (16)	35.31 (1.00)	1/2" NPT	138.9 (63)
		5 (72.5)	55.8 (17)	45.91 (1.30)		
		6 (87.0)	59.1 (18)	56.50 (1.60)		
MTH-6.3T	6.3	4 (58.0)	55.8 (17)	35.31 (1.00)	3/4" NPT	280 (127)
		5 (72.5)	59.1 (18)	45.91 (1.30)		
		6 (87.0)	62.3 (19)	56.50 (1.60)		



Pendant Switch Control Choices

Trolley No.	Pendant Control No.	Can Control "EHL" Hoist?	Safety Stop?
MTH-1T-5	PCS-3	no	no
MTH-2T-5	PCS-3	no	no
MTH-6.3T	PCS-3	no	no
MTH-1T-5	PCS-41	yes	no
MTH-1T-5	PCS-41B	yes	yes
MTH-2T-5 or MTH-6.3T	PCS-42	yes	no
MTH-2T-5 or MTH-6.3T	PCS-42B	yes	yes

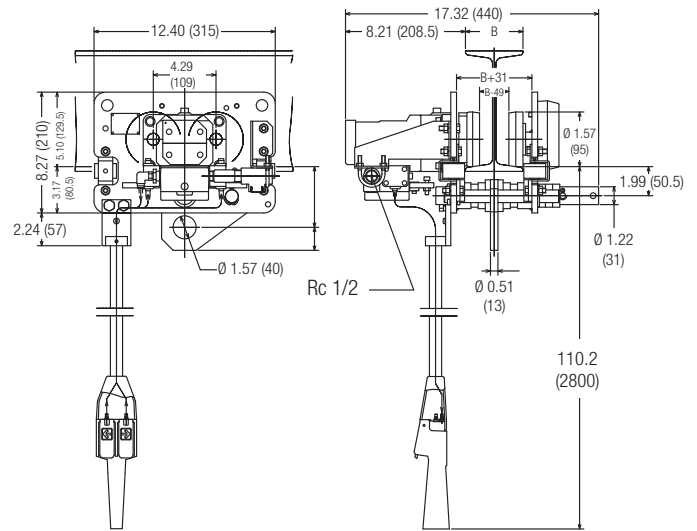


MTH-1T5 w/optional 4 button pendant

Series MTH Air Motor Trolley Dimensions

Trolley No.	Cap. (tonne)	Fits Beam Width in. (mm)	Min. Curve Radius in. (mm)
MTH-1T-5	1	2.95 (75)	137.8 (3500)
MTH-2T-5	2	3.94; 4.92(100; 125)	31.5 (800)
MTH-6.3T	6.3	5.91; 6.89; 7.48 (150; 175; 190)	98.4 (2500)

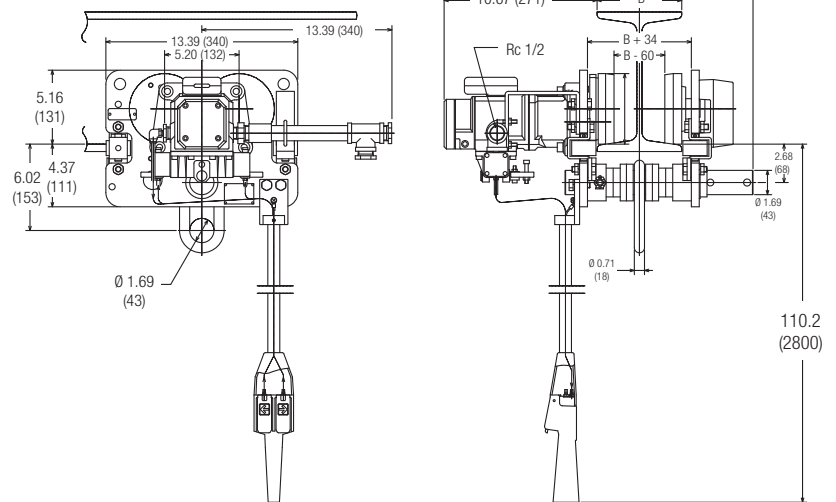
MTH-1T5



MTH-1T5
w/PCS3 Traverse
Switch

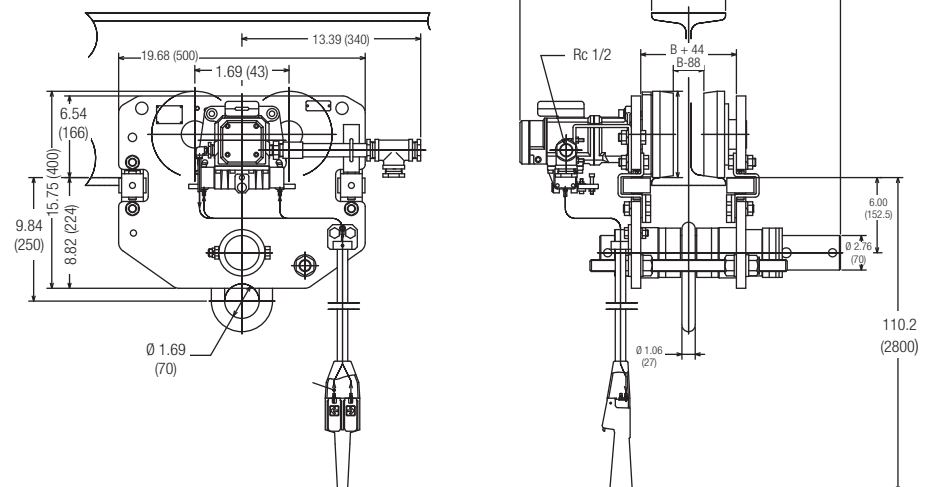
4 Button Pendant
Switch is Available
- See Pg. 14.

MTH-2T5



MTH-2T-5
MTH-6.3T

MTH-6.3T5



Accessories

Series PTF Manual Trolleys for I-Beams

The Series PTF manual trolleys are used for suspending small air hoist from I-beams, railways, or jib booms. Model PTF-125 and PTF-250 are easily adjustable for different size beams. In addition, the frame is designed to protect the wheels from collisions with other trolleys and can be fitted with rubber bumpers for further protection. Dimensions are available in CAT1007 balancer catalog - Pg. 27.



Series PTF-125

Capacity lb (kg)	Min Curve Radius in (mm)	Part No.	Beam Width in (mm)	Wt lb (kg)
276 (125)	24 (600)	PTF-125	2.0 / 2.95 (50 / 75)	3.50 (1.60)
551 (250)	35 (900)	PTF-250	2.95 / 3.93 / 4.92 (75 / 100 / 125)	9.25 (4.20)



Series PTF-250

Cleaner Set



This device reduces noise and exhausted oil from the hoist exhaust ports. It is available for the models listed.

Part No.	Use on Hoist Model	Wt lb (kg)
LHP001343	EHL-025TS, EHL-05TS, EHL-098TW, EHL-1TW	2.21 (1.0)
LHP001388	EHL-1TS, EHL-2TW	2.21 (1.0)
LHP001389	EHL-3TS, EHL-6TW	3.53 (1.6)

Overload Protector



Use on Hoist Model:	Part No.	Wt lb (kg)
EHL-05TS	OP-05TS	4.41 (2.0)
EHL-1TW	OP-1TW	4.85 (2.2)
EHL-1TS	OP-1TS	13.67 (6.2)
EHL-2TW	OP-2TW	13.67 (6.2)
EHL-3TS	OP-3TS	48.50 (22.0)
EHL-6TW	OP-6TW	48.50 (22.0)

Stainless Steel Load Chain

Due to the lower load capacity of stainless steel chain, the nominal load capacity of the EHL-1TS and EHL-2TW would be reduced 20% using this chain instead of the standard chain. Not available for 3 and 6 tonne hoists. Contact the Factory for part numbers and prices.

Chain Buckets

Larger buckets can be used when replacing the factory chain with a longer chain.

Part No.	(6 m)	(10 m)	(12 m)	(20 m)
AT-60K and AT-125K	Std	Contact Factory	Opt	Opt
EHL-025TS and EHL-05TS	Std	Contact Factory	Opt	Opt
EHL-098TW and EHL-1TW	Std	Contact Factory	Opt	Opt
EHL-1TW and EHL-2TW	Std	Contact Factory	Opt	Opt
EHL-3TS and EHL-6TW	Std	Optional	Contact Fact.	Contact Fact.

Terms, Conditions, and General Warranty

The technical data and images which appear in this catalog are for informational purposes only. NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE CREATED BY THE DESCRIPTIONS AND DEPICTIONS OF THE PRODUCTS SHOWN IN THIS CATALOG. Conductix-Wampfler (“seller”) makes no warranty and assumes no liability as to the function of equipment or the operation of systems built according to customer design or of the ability of any of its products to interface, operate or function with any portions of customer systems not provided by Conductix-Wampfler.

Seller agrees to repair or exchange the goods sold hereunder necessitated by reason of defective workmanship, and material discovered and reported to Seller within one year after shipment of such goods to Buyer. Except where the nature of the defect is such that it is appropriate in Seller’s judgement to effect repairs on site, the seller’s obligation hereunder to remedy defects shall be limited to repairing or replacing (at Seller’s option), FOB point of original shipment by Seller, any part returned to Seller at the risk and cost of Buyer. Defective parts replaced by Seller shall become the property of Seller.

Seller shall only be obligated to make such repair or replacement of the goods which have been used by Buyer in service recommended by Seller and altered only as authorized by Seller. Seller is not responsible for defects which arise from improper installation, neglect, or improper use or from normal wear and tear.

Additionally, Seller’s obligation shall be limited by the manufacturer’s warranty (and shall not be further warranted by Seller) for all parts procured from others according to published data, specifications, or performance information not designed by or for Seller.

Seller further agrees to replace, or at Seller’s option to provide a refund of the sales price of any goods that did not conform to applicable specifications or which differ from that agreed to be supplied which non-conformity is discovered and forthwith reported to Seller within thirty (30) days after shipment to Buyer. Seller’s obligation to replace or refund the purchase price for non-conforming goods shall arise once Buyer returns such good FOB point of original shipment by Seller at the risk and cost of Buyer. Goods replaced by Seller shall become property of Seller.

There is no guarantee or warranty as to anything made or sold by Seller, or any service performed, except as to title and freedom from encumbrances, and except as herein expressly stated and particularly without limiting the foregoing. There is no guarantee or warranty, express or implied, of merchantability or of fitness for any particular purpose or against claim of infringement or the like.

Seller makes no warranty (and assumes no liability) as to function of equipment or operation of systems built to Buyer’s design or of the ability of any goods to interface, operate or function with any portions of Buyer’s system not provided by Seller.

Seller’s liability on any claim; whether in contract (including negligence) or otherwise, for any loss or damage arising out of, connected with, or resulting from the manufacture, sale, delivery, resale, repair, replacement or use of any products or, services shall in no case exceed the price paid for the product or services or any part thereof which give rise to the claim. In no event shall Seller be liable for consequential, special, incidental or other damages, nor shall Seller be liable in respect to personal injury or damage to property on the subject matter hereof unless attributable to gross misconduct of Seller, which shall mean an act of omission by Seller demonstrating reckless disregard of the foreseeable consequences thereof.

Seller is not responsible for incorrect choice of models or where products are used in excess of their rated and recommended capacities and design functions or under abnormal conditions. Seller assumes no liability for loss of time, damage or injuries to property or persons resulting from the use of Seller’s products. Buyer shall hold Seller harmless from all liability, claims, suits and expenses in connection with loss or damage resulting from operation of products or utilization of services, respectively, of Seller and shall defend any suit or action which might arise there from Buyer’s name - provided that Seller shall have the right to elect to defend any such suit or action for the account of Buyer. The foregoing shall be the exclusive remedies of the buyer and all persons and entities claiming through the Buyer.



Conductix-Wampfler Industrial Assembly Solutions!

Tasksaver: Workstation Equipment



Catalog Number: KAT04001-001-USA

- C-Rail System
- Air Festoon System
- Cable Festoon System
- Swivel Arms
- Tool Transporters
- Tool Carriers
- Jib Booms
- Turn Tables

Manair: Electric and Air Supply System for Retrofit



Catalog Number: TDB0400-0010-USA

- Highly efficient compressed air supply
- No hose or cable loops
- No storage area
- No pull back forces
- Modular components for easy installation
- Simple design for low maintenance

WAKAIR-II: Tool Rail with high load capacity



Catalog Number: TDB0400-0006-USA

- Large load capacity at large spans
- Highly efficient compressed air supply
- No hose or cable loops
- No storage area; no pull-back force
- Modular components for easy installation
- Simple design for low maintenance

W5-traxX: Electric and Air Supply Systems



Catalog Number:

- Optimal compressed air supply, even for users with high air consumption
- High load capacity at light weight
- Maximum flexibility and adaptability
- Flexible and adaptable
- Safe, low-friction guiding

Other Products from Conductix-Wampfler

The products described in this catalog represent a few of the products from the broad spectrum of Conductix-Wampfler components and systems for the transfer of energy, data, gases, and fluids. The solutions we deliver for your applications are based on your specific requirements. In many cases, a combination of several different Conductix-Wampfler products are needed to fill the application. You can count on all of Conductix-Wampfler's business units for hands-on engineering support - coupled with the perfect solution to meet your energy management and control needs.



Motor driven cable reels

Motor driven reels by Conductix-Wampfler are the perfect solution for managing long lengths of heavy cable and hoses in very demanding industrial applications. Monospiral, level wind, and random wind spools.



Slip ring assemblies

Whenever powered machinery needs to rotate 360°, field proven slip ring assemblies by Conductix-Wampfler can flawlessly transfer energy and data. Here, everything revolves around flexibility and reliability.



Conductor bar

Whether they are enclosed conductor rails, expandable single-pole bar systems, or high amperage bar for demanding steel mill use up to 6000 amps. Conductix-Wampfler's conductor bar is the proven solution to reliably move people and material.



Spring driven cable reels

We have 60 years experience and trusted brands such as Insul-8, Wampfler, and IER. We offer small cord reels all the way to large multi-motor units, a wide range of accessories, and hazardous location reels.



Cable Festoon systems

It's hard to imagine Conductix-Wampfler cable trolleys not being used in virtually every industrial application. They are reliable and robust and available in an enormous variety of sizes and models.



Push Button Pendants

Our ergonomic pendants are ideally suited for industrial control applications. They are available in a wide range of configurations for overhead cranes and other machinery.



Radio remote controls

Safe, secure, and reliable radios use the latest in microprocessor technology. Available in several models for overhead crane control and other types of machinery.



Inductive Power Transfer IPT®

The contact-less system for transferring energy and data. For all tasks that depend on high speeds and absolute resistance to wear.



Energy guiding chains

The "Jack of all Trades" when it comes to managing energy and data cables and air and fluid hoses. A wide range of energy guiding chains are available for many industrial applications.



Air hoists and balancers

ENDO Air hoists accurately place delicate loads and continuously vary the speed for precise positioning. They run cool in continuous operations.



Bumpers

Conductix-Wampfler offers a complete range of bumpers for the auto industry, cranes, and heavy machinery. These include rubber, rubber/metal, and cellular types.



Spring balancers and retractors

ENDO spring balancers by Conductix-Wampfler are rugged, reliable high-precision positioning devices that reduce operator fatigue and assist with accurate tool placement.

www.conductix.us

USA / LATIN AMERICA

10102 F Street
Omaha, NE 68127

Customer Support

Phone +1-800-521-4888

Fax +1-800-780-8329

Phone +1-402-339-9300

Fax +1-402-339-9627

info.us@conductix.com

latinamerica@conductix.com

CANADA

18450 J.A. Bombardier
Mirabel, QC J7J 0H5

Customer Support

Phone +1-800-667-2487

Fax +1-800-442-9817

Phone +1-450-565-9900

Fax +1-450-851-8591

info.ca@conductix.com

MÉXICO

Calle Treviño 983-C
Zona Centro
Apodaca, NL México 66600

Customer Support

Phone (+52 81) 1090 9519

(+52 81) 1090 9025

(+52 81) 1090 9013

Fax (+52 81) 1090 9014

info.mx@conductix.com

BRAZIL

Rua Luiz Pionti, LT 05, QD. L -
Vila Progresso
Itu, São Paulo, Brasil
CEP: 13.313-534

Customer Support

Phone (+55 11) 4813 7330

Fax (+55 11) 4813 7330

info.br@conductix.com

Contact us for our Global Sales Offices



DELACHAUX GROUP

