

Yale[®] RPE

Electric winch



*Now also available with
2.000 kg capacity!*

Yale® RPE

Winches series RPE are designed for performance, efficiency and safety and offer many advantages and options. RPE's compact, robust design and universal rope lead-offs allow individual applications in almost any position for lifting and pulling loads. The winches are designed to DIN 15020, classification 1 Bm/M3, safety regulation BGV D8 (winch, lift and pull equipment) and, of course, the EC machinery directives.

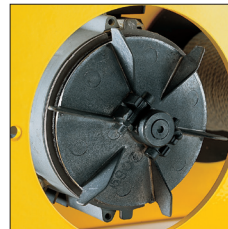
CAPACITY 250 - 2000 KG

FEATURES

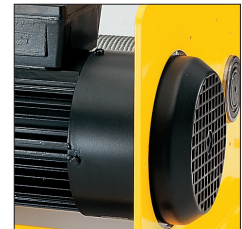
- Compact dimensions due to internal brake motor.
- Voltage 400 V/230 V, 3-phase, 50 Hz, protected to IP 54, insulation class F.
- Adjustable slip clutch to protect the winch from overloading standard for models RPE 10-6 and RPE 15-6/20-6.
- Spur gear transmission with helical first gear ensures smooth motion. Lubricated by grease and can, therefore, be used in any position.
- Spring pressure disc brake incorporated in the motor holds the load secure even in the event of a power failure.
- Plain rope drum standard.
- The rope is secured to the drum in a recess so that the rope can be wound onto the drum in several layers without damage.
- Direct control or 42 V low voltage control (incl. push-button with emergency-stop and 2 m control cable).



ROPE ATTACHMENT



SPRING PRESSURE DISC BRAKE



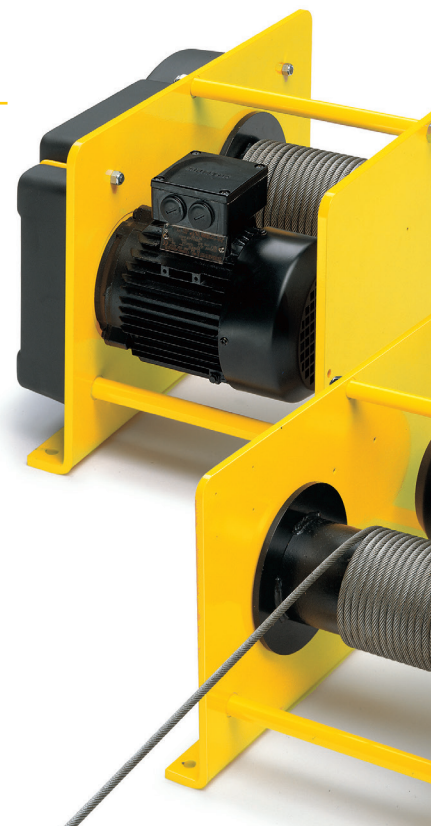
BRAKE MOTOR

INFO

Every winch is factory tested with overload. The units are supplied with a test certificate showing the unit's serial-no. and an operating instructions manual which contains a manufacturer's declaration.

OPTIONS

- Different drum designs, e.g. extended to accommodate longer rope, machined grooves for exact reeling, with separation web and 2nd rope outlet for working with two ropes.
- Geared limit switches to limit rope motion in both directions (in combination with 42 V low voltage control).
- Single-phase A.C. motor 230 V, 50 Hz, 42 V low voltage control (except model RPE 20-6).
- Slack rope switch to automatically stop the winch when rope tension eases e.g. when the load touches down (only in combination with low voltage control).
- Frequency converter for stepless speed control.
- Adjustable slip clutch to protect the winch from overloading for capacities 250/500 kg.
- Special design according to BGV C1 for theater stage applications available.
- Radio remote control only in combination with the low voltage control.
- Other operating voltages.
- Motors protected up to IP 55 with stainless steel brake.



Technical data model RPE

Model	EAN-No. 4025092*	Capacity	Lifting speed 1 st layer	Lifting speed top layer	Rope diameter	Motor	ED	Useable rope length 1 st layer	Useable rope length top layer	Weight without rope
		kg	m/min	m/min	mm	kW	%	m	m	kg
RPE 2-13	*071796	250	10.2	13.2	4	0.55	40	11.2	54.5	31.8
RPE 5-6	*071857	500	4.6	6.6	6	0.55	40	7.0	38.8	32.8
RPE 5-12	*071918	500	8.7	12.6	6	1.1	40	11.0	55.4	41.0
RPE 9-6	*071956	990	5.1	6.5	8	1.1	40	10.2	37.4	76.0
RPE 10-6 ¹	*072014	1000	5.1	6.5	8	1.1	40	10.2	37.4	76.9
RPE 15-6 ^{1,2}	-	1500	5.2	7.3	11	1.6	40	13.2	49.0	187
RPE 20-6 ¹	-	2000	5.2	7.6	11	2.2	40	13.2	49.0	185

¹ Capacity 1000 kg and higher: overload protection as standard

² Model RPE 15-6 only with operating voltage 230V - 1 Phase - 50 Hz

Plain drum (longer useable rope length)

Model	Capacity top layer kg	Drum size	Useable rope length max. m
RPE 2-13 L	250	2	80
RPE 5-6 L	500	2	58
RPE 9-6/10-6 L	990/1000	2	56
RPE 15-6/20-6 L	1500/2000	2	74
RPE 2-13 XL	250	3	200
RPE 5-6 XL	500	3	140
RPE 5-12 XL	500	3	140
RPE 9-6/10-6 XL	990/1000	3	100
RPE 15-6/20-6	1500/2000	3	120

INFO

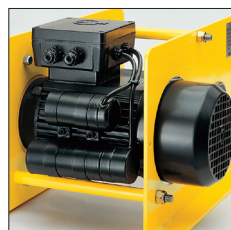
When selecting the length of the rope please bear in mind that a minimum of 2.5 windings have to remain on the drum (approx. 1 m rope).

Grooved drum (recommended for single layer operation)

Model	Capacity top layer kg	Drum size	Useable rope length	
			1 st layer m	max. m
RPE 2-13 R	250	1	8.8	43
RPE 5-6 R	500	1	6.2	33
RPE 9-6/10-6 R	990/1000	1	8.2	30
RPE 15-6/20-6 R	1500/2000	1	12.0	44
RPE 2-13 LR	250	2	13.3	64
RPE 5-6 LR	500	2	9.5	49
RPE 5-12 LR	500	2	9.5	49
RPE 9-6/10-6 LR	990/1000	2	12.9	47
RPE 15-6/20-6 LR	1500/2000	2	16.8	61
RPE 2-13 XLR	250	3	35.3	165
RPE 5-6 XLR	500	3	25.7	128
RPE 5-12 XLR	500	3	25.7	128
RPE 9-6/10-6 XLR	990/1000	3	25.2	89
RPE 15-6/20-6 XLR	1500/2000	3	27.9	99

INFO

Also available as zinc-plated version on request!



SINGLE-PHASE A.C. MOTOR



GEARED LIMIT SWITCHES



GEARBOX WITH
SLIP CLUTCH



DIFFERENT DRUM
DESIGNS

THE POWER OF INTELLIGENT LIFTING

Since 1875, Columbus McKinnon - with well-known Brands like Yale and pfaff-silberblau - has helped to make material handling easier and safer, and, today, is your single source for complete floor-to-ceiling lifting systems. From below-the-hook attachments, chain, rigging products, manual and powered chain hoists to electric wire rope hoists, cranes, enclosed track systems and specially engineered products, Columbus McKinnon has the engineering expertise to meet the most demanding applications.



Germany

COLUMBUS McKINNON Industrial Products GmbH*

Yale-Allee 30
42329 Wuppertal
Phone: 00 49 (0) 202/69359-0
Web Site: www.cmco.eu
Web Site: www.yale.de
E-mail: info.wuppertal@cmco.eu

COLUMBUS McKINNON Engineered Products GmbH*

Am Silberpark 2-8
86438 Kissing
Phone: 00 49 (0) 8233 2121-800
Web Site: www.cmco.eu
Web Site: www.pfaff-silberblau.com
E-mail: info.kissing@cmco.eu

Austria

COLUMBUS McKINNON Austria GmbH*

Gewerbepark, Wiener Straße 132a
2511 Pfaffstätten
Phone: 00 43 (0) 22 52/4 60 66-0
Web Site: www.cmco.at
E-mail: zentrale@cmco.at

Italy

COLUMBUS McKINNON Italia S.r.l.

Via 11 Settembre 26
20023 Cerro Maggiore (MI)
Phone: 00 39 (0) 331/57 63 29
Web Site: www.cmco.eu
E-mail: sales.it@cmco.eu

Netherlands

COLUMBUS McKINNON Benelux B.V.*

Flight Forum 128 a
5657 DD Eindhoven
Phone: 00 31 (0) 40/3 03 26 81
Web Site: www.cmco.eu
E-mail: sales.nl@cmco.eu

France

COLUMBUS McKINNON France SARL*

Zone Industrielle des Forges
18108 Vierzon Cedex
Phone: 00 33 (0) 248/71 85 70
Web Site: www.cmco-france.com
E-mail: sales.fr@cmco.eu

Great Britain

COLUMBUS McKINNON Corporation Ltd.

Knutsford Way, Sealand Industrial Estate
Chester CH1 4NZ
Phone: 00 44 (0) 1244 375375
Web Site: www.cmco.eu
E-mail: sales.uk@cmco.eu

Northern Ireland & Republic of Ireland

COLUMBUS McKINNON Corporation Ltd.

1A Ferguson Centre
57-59 Manse Road
Newtownabbey
BT36 6RW
Northern Ireland
Phone: 00 44 (0) 2890 840697
Web Site: www.cmco.eu
E-mail: sales.ni@cmco.eu

COLUMBUS McKINNON Ireland Ltd.

Unit 4 South Court
Wexford Road Business Park
Carlow
Phone: 00 353 (0) 59 918 6605
Web Site: www.cmco.eu
E-mail: info.irl@cmco.eu

Spain & Portugal

COLUMBUS McKINNON Ibérica S.L.U.

Ctra. de la Esclusa, 21 acc. A
41011 Sevilla
Phone: 00 34 954 29 89 40
Web Site: www.yaleiberica.com
E-mail: informacion@cmco.eu

Switzerland

COLUMBUS McKINNON Switzerland AG

Dällikerstraße 25
8107 Buchs ZH
Phone: 00 41 (0) 44 8 51 55 77
Web Site: www.cmco.ch
E-mail: info.buchs@cmco.eu

Poland

COLUMBUS McKINNON Polska Sp.z o.o.

ul. Owsiana 14
62-064 Plewiska
Phone: 00 48 (0) 61 6 56 66 22
Web Site: www.cmco-polska.pl
E-mail: kontakt@pfaff-silberblau.pl

Hungary

COLUMBUS McKINNON Hungary Kft.*

Vásárhelyi út 5. VI ép
8000 Székesfehérvár
Phone: 00 36 (22) 880-540
Web Site: www.cmco.hu
E-mail: sales.hungary@cmco.eu

Turkey

COLUMBUS McKINNON

Kaldırma Ekip. San. ve Tic. Ltd. Şti.

Davutpaşa Caddesi
Emintaş Davutpaşa
Matbaacılar Sitesi No. 103/233-234
34010. Topkapı-Istanbul
Phone: 00 90 (212) 210 7 555
Web Site: www.cmco.eu
E-mail: info.turkey@cmco.eu

United Arab Emirates

COLUMBUS McKINNON Industrial Products ME FZE

Office No. FZJOAB0801-8th Floor
JAFZA One Building
P.O. Box 261013
Jebel Ali Free Zone
Dubai, U.A.E.
Phone: 00 971 4 804 9600
Web Site: www.cmco.eu
E-mail: sales.uae@cmco.eu

South Africa

CMCO Material Handling (Pty) Ltd.*

P.O. Box 15557
Westmead, 3608
Phone: 00 27 (0) 31/700 43 88
Web Site: www.cmcosa.co.za
E-mail: sales@cmcosa.co.za

Yale Engineering Products (Pty) Ltd.

P.O. Box 4431
Honeydew, 2040
Phone: 00 27 (0) 11/794 29 10
Web Site: www.yalejhb.co.za
E-mail: info@yalejhb.co.za

Yale Lifting Solutions (Pty) Ltd.*

P.O. Box 592
Magaliesburg, 1791
Phone: 00 27 (0) 14/577 26 07
Web Site: www.yale.co.za
E-mail: sales@yalelift.co.za

Russia

COLUMBUS McKINNON Russia LLC

ul. Marshala Govorova 35/2
198095 St. Petersburg
Phone: 007 (812) 322 68 38
Web Site: www.yale.de
E-mail: info@yalekran.ru



*These subsidiaries belong to the matrix-certification-system according to EN ISO 9001.