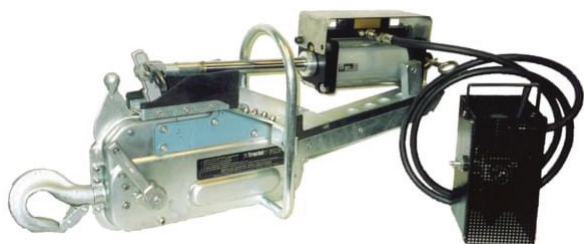
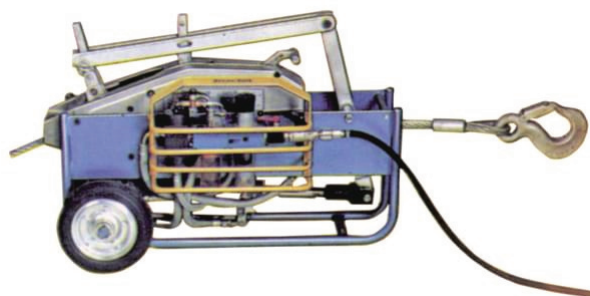


# Supertirfor TU-16A and TU-32A

Pneumatic wire rope hoists



Supertirfor TU-16A



Supertirfor TU-32A

## Tirfor TU-P Series pneumatic wire rope hoists

Model	WLL	Avg. Consumption (l/min)	Forward Speed (m/min)	Reverse Speed (m/min)	Wire Rope Diameter (mm)	Length (cm)	Height (cm)	Width / Diameter (cm)	Weight (kg)	Product Code
TU-16A	1,600	550	0.5	1.5	11.5	970	400	220	40	77959
TU-32A	3,200	700	0.8	1.8	16.3	940	640	400	88	5909

Made in France

## Wire rope 20m

Model	Product Code
Wire rope $\varnothing$ 11.5 mm, length 20 m	54759
Wire rope $\varnothing$ 16.3 mm, length 20 m	54959

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## Other lengths:

**Start Kit + number of meters (in multiples of 5m).**

Model	Description	Product Code
Start Kit	Wire rope $\varnothing$ 11.5 mm	239987
Meter of wire rope	Wire rope $\varnothing$ 11.5 mm	238547
Start Kit	Wire rope $\varnothing$ 16.3 mm	239997
Meter of wire rope	Wire rope $\varnothing$ 16.3 mm	238557

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For wire rope lengths greater than 80 meters and / or in a muffled configuration, consult us.

# CaRol EX

Manual drum winch



Wire rope included

New generation compact winch using aluminium and composite materials offering excellent corrosion resistance.

- Low effort on the crank handle and enclosed planetary gear housing.
- The drum has a patented failsafe wind direction and can be disengaged when not under any load
- Galvanized fixing plate for standard model or stainless steel for stainless steel model
- Automatic brake system
- Stainless steel ratchet pawls and springs
- Removable crank handle with comfortable and ergonomic grip
- Flexible wire rope exit of more than 250°
- Operating temperature from -10°C to +50°C

Model	WLL	Wire Rope Diameter (mm)	Wire Rope Length (m)	Max effort of the handle	Number of Falls	Product Code
EX 150	150 kg	4 mm	24 m	8	6	279919
EX 300	300 kg	5 mm	8,5 m	14	3	279929

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# CaRol

## Manual drum winch

The CaRol manual winches are for installation in permanent locations for lifting or pulling materials.

- WLL up to 3000kg
- Option to release the drum in unloaded position
- Full capacity on all layers of wire rope
- Automatic brake
- Adjustable crank
- Variable anti spin wire rope length depending on load capacity
- CaRol anti spin wire rope winches are available in different versions
- Winch with spur gearing
- Winch with worm gearing
- The anti spin wire rope is wound onto the drum by turning the crank



Carol TS



Carol TR

## CaRol TS series

Model	WLL	Wire Rope Diameter (mm)	Max effort of the handle	Rope Capacity (m)	Rope Length Always Wrapped On The Drum (m)	Dimensions	Weight (kg)	Product Code
TS 250	250	5	11	15	0,6	206 x 140 x 142	9.5	23818
TS 500	500	7	14	18	0,7	233 x 162 x 175	15	23828
TS 1000	1,000	9	14	30	1,0	322 x 302 x 302	38	23838
TS 1500	1,500	11.5	14	23	1,0	370 x 350 x 330	41.5	23848
TS 2000	2,000	13	14.5	17	1,2	420 x 356 x 390	70	23858
TS 3000	3,000	16	15	18.5	1,7	530 x 480 x 450	150	23868

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## CaRol TR series

Model	WLL	Wire Rope Diameter (mm)	Max effort of the handle	Rope Capacity (m)	Rope Length Always Wrapped On The Drum (m)	Dimensions	Weight (kg)	Product Code
TR 300	300	5	12.5	38	0,75	249 x 124 x 190	15,5	23778
TR 500	500	7	12.5	18	0,75	249 x 162 x 175	16	23788
TR 1000	1,000	9	14.5	30	1,00	410 x 180 x 305	44.5	23798
TR 2000	2,000	13	16.5	25	1,20	510 x 248 x 360	80	23808

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# CaRol MO

Electric winch



Electric winch designed for simple lifting and pulling applications, ideal to replace a manual winch.

- Direct order (use protected from bad weather)
- Mechanical parts machined and protected by cathoporesis
- Drum in mechanically welded steel
- Grease bath gearbox with helical gears
- Reduction system fully protected by a metal or plastic cover, ensuring perfect safety
- Single-phase 230 V single-phase brake motor with 50 Hz permanent capacitor, lifting type
- Class F. Protection IP 44 (150 kg model) and IP 54 (300 and 500 kg models)
- Up/down control box with emergency stop (2 m control cable)
- Limit switch as standard
- Motor power adapted to any installation.

Model	WLL	Forward Speed (m/min)	Wire Rope Diameter (mm)	Wire Rope Length (m)	Weight (kg)	Product Code
caRol™ Mo 150 kg	150 kg	7 m/min	4 mm	15 m	14	206848
caRol™ Mo 300 kg	300 kg	5,9 m/min	5 mm	16 m	27	206858
caRol™ Mo 500 kg	500 kg	3,6 m/min	6 mm	13,5 m	27	206868

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# CaRol TE

Electric winch



Electric winches designed for lifting and single pulling applications, with high quality requirements:

- Pendant control box UP/DOWN and E-stop with 3M pendant control cable
- Electromagnetic motor brake 230V - permanent condenser 50 Hz lifting type, P = 0,75 or 1,1 kW according to the model
- Class F - Protection IP 54
- Reducer sealed in oil bath with helical gears
- Welded steel drum with large flanges enabling a reliable outlet of the rope
- Working load limit for 1st drum layer

#### Safety:

- UPPER limit switches
- Low voltage control box protecting the operator against electric risk

Model	WLL	Wire Rope Diameter (mm)	Wire Rope Length (m)	Weight (kg)	Description	Product Code
caRol™ TE 300 kg	300	5	48	35	0.75 mono	206898
caRol™ TE 300 kg	300	5	48	35	0.75 tri	206908
caRol™ TE 500 kg	500	7	38	40	1.1 mono	206938
caRol™ TE 500 kg	500	7	38	40	1.1 tri	206948
caRol™ TE 1000 kg	1,000	8	68	90	1.1 mono	206978
caRol™ TE 1000 kg	1,000	8	68	90	1.1 tri	206988
caRol™ TE 2000 kg	2,000	11,5	45	160	2.2 tri	206998

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