

Profi geared cable winches

Technical specification

Single drum cable winches	P163K	P172 SPECIAL OFFER	P173K	P186 SPECIAL OFFER	P1102
Pulling force of lower cable layer	61 kN	72 kN	72 kN	86 kN	102 kN
Pulling force of upper cable layer	61 kN	56 kN	72 kN	62 kN	78 kN
Constant tension	•	–	•	–	–
Medium cable speed at 540 rpm	0.43 m/s	0.57 m/s	0.43 m/s	0.43 m/s	0.43 m/s
at 750 rpm	0.60 m/s	0.80 m/s	0.60 m/s	0.60 m/s	0.60 m/s
at 1,000 rpm	0.80 m/s	1.05 m/s	0.80 m/s	0.80 m/s	0.80 m/s
Maximum cable capacity	11 mm dia./174 m	12 mm dia./138 m	12 mm dia./138 m	13 mm dia./158 m	14 mm dia./121 m
Shield width (Standard)	1,800 mm	1,800 mm	2,000 mm	1,800 mm	1,800 mm
Three-point category	1 and 2	1 and 2	2 and 3	2 and 3	2 and 3
Control	Electrical pushbutton control with wet armature solenoid valve				
Drive	Mechanically via spur gear in oil bath				
Clutch	Multi-disc sinter plate clutch, self-adjusting				
Brake	Multi-disc lamella coverings				
Radio system	HBC Patrol T	HBC Patrol T	HBC Patrol T	HBC Patrol T	HBC Patrol T
mech. cable distribution	•	•	•	•	•
Rope infeed brake	•	•	•	•	•
PHS control	•	•	•	•	•
Pfanzelt precision control PPS	•	•	•	•	•
Cable payout	○	•	○	•	○
Safety guard (per German UVV.)	•	•	•	•	•
Cardan shaft	•	•	•	•	•
Drive centered	•	•	•	•	•
Weight (approx., without cable)	616 kg	625 kg	650 kg	645 kg	650 kg
Recommended tractor power	approx. 40-90 kW	approx. 40-90 kW	approx. 70 - 120 kW	approx. 55 - 100 kW	approx. 70 - 120 kW

Range of accessories	P163K	P172 SPECIAL OFFER	P173K	P186 SPECIAL OFFER	P1102
Shield widths	up to 2,400 mm	up to 2,400 mm	up to 2,400 mm	up to 2,400 mm	up to 2,400 mm
Hydraulic folding shield	○	○	○	○	○
Proportional brake control	○	○	○	○	○
Vario-Zug: Adjustable pulling force	–	○	–	○	○
Force-guided rope winding via cross spindle	–	–	–	○	○
Cable payout	○	•	○	•	○
Reversing gear for front mounting	○	○	○	○	○
Cable retrieval winch	○	○	○	○	○
Anti-tilt system	○	○	○	○	○

• Standard ○ Option – Not available

Start your configuration now.
configurator.pfanzelt.com



Double drum winches	P260 SPECIAL OFFER	P272 Special offer	P273K	P285	P2102
Pulling force of lower cable layer	2 x 60 kN	2 x 72 kN	2 x 72 kN	2 x 85 kN	2 x 102 kN
Pulling force of upper cable layer	2 x 42 kN	2 x 58 kN	2 x 72 kN	2 x 61 kN	2 x 78 kN
Constant tension	–	–	●	–	–
Medium cable speed at 540 rpm	0.43 m/s	0.43 m/s	0.43 m/s	0.43 m/s	0.43 m/s
at 750 rpm	0.60 m/s	0.60 m/s	0.60 m/s	0.60 m/s	0.60 m/s
at 1,000 rpm	0.80 m/s	0.80 m/s	0.80 m/s	0.80 m/s	0.80 m/s
Maximum cable capacity	2 x Ø 11 mm/ 88 m	2 x Ø 12 mm/ 102 m	2 x Ø 12 mm/ 138 m	2 x Ø 13 mm/ 129 m	2 x Ø 14 mm/ 100 m
Shield width (Standard)	1,800 mm	2,000 mm	2,000 mm	2,000 mm	2,000 mm
Three-point category	1 and 2	2 and 3	2 and 3	2 and 3	2 and 3
Control	Electrical pushbutton control with wet armature solenoid valve				
Drive	Mechanically via spur gear in oil bath				
Clutch	Multi-disc sinter plate clutch, self-adjusting				
Brake	Multi-disc lamella coverings				
Radio equipment	HBC Patrol D	HBC Patrol D	HBC Patrol D	HBC Patrol D	HBC Patrol D
Mech. cable distribution	○	●	●	●	●
Rope infeed brake	○	●	●	●	●
PHS control	–	●	●	●	●
Pfanzelt precision control PPS	–	●	●	●	●
Safety guard (per German UVV.)	●	●	●	●	●
Cardan shaft	●	●	●	●	●
Drive centered	●	●	●	●	●
Weight (approx., without cable)	590 kg	795 kg	850 kg	850 kg	850 kg
Recommended tractor power	approx. 55 - 100 kW	approx. 70 - 120 kW	approx. 100 - 150 kW	approx. 100 - 150 kW	approx. 100 - 150 kW

Range of accessories	P260 SPECIAL OFFER	P272 SPECIAL OFFER	P273K	P285	P2102
Shield widths	up to 2,200 mm	up to 2,400 mm	up to 2,400 mm	up to 2,400 mm	up to 2,400 mm
Hydraulic folding shield	○	○	○	○	○
Proportional brake control	–	○	○	○	○
Vario-Zug: Adjustable pulling force	–	○	–	○	○
Cable payout	–	○	○	○	○
Reversing gear for front mounting	○	○	○	○	○
Cable retrieval winch	○	○	○	○	○
Anti-tilt system	○	○	○	○	○

To be observed:

To determine the optimum cable length, deduct 10 % from the maximum rope capacity.

Important:

Observe the legally prescribed breaking load for the cable equipment of the winch.

Profi geared cable winches

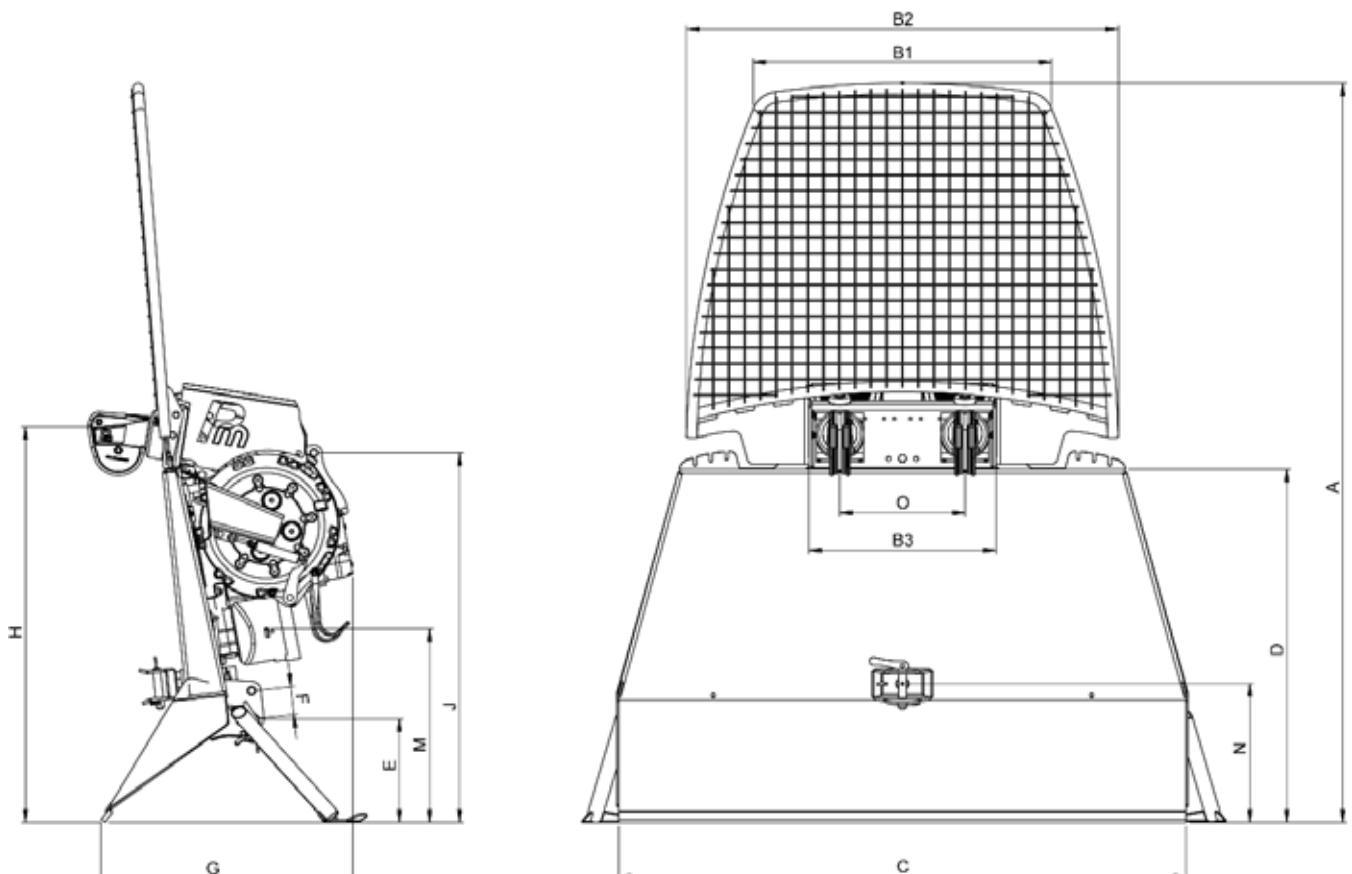
Dimensions

Model	P163K	P172	P173K	P186	P1102	P260	P272	P273K	P285	P2102
A (mm)	2,360	2,360	2,360	2,360	2,360	2,340	2,360	2,360	2,360	2,360
B1 (mm)	950	950	950	950	950	950	950	950	950	950
B2 (mm)	1,150	1,150	1,150	1,150	1,150	1,370	1,150	1,150	1,150	1,150
B3 (mm)	---	---	---	---	---	505	---	---	---	---
C ¹ (mm)	1,800	2,000	2,000	1,800	1,800	1,800	2,000	2,000	2,000	2,000
D (mm)	1,440	1,440	1,440	1,440	1,440	1,120	1,430	1,430	1,430	1,430
E (mm)	350	350	350	350	350	330	350	350	350	350
F (mm)	60	60	60	60	60	90	60	60	60	60
G (mm)	830	830	830	830	830	800	840	865	840	865
H (mm)	1,290	1,290	1,290	1,290	1,290	1,250	1,285	1,285	1,285	1,285
J (mm)	1,100	1,100	1,100	1,100	1,100	1,170	1,180	1,180	1,180	1,180
K (mm)	60	60	60	60	60	---	---	---	---	---
L (mm)	100	100	100	100	100	---	---	---	---	---
M (mm)	600 ²	600 ²	600 ²	600 ²	600 ²	610	600	600	600	600
N (mm)	455	455	455	455	455	440	450	450	450	450
O (mm)	---	---	---	---	---	310	370	435	435	435

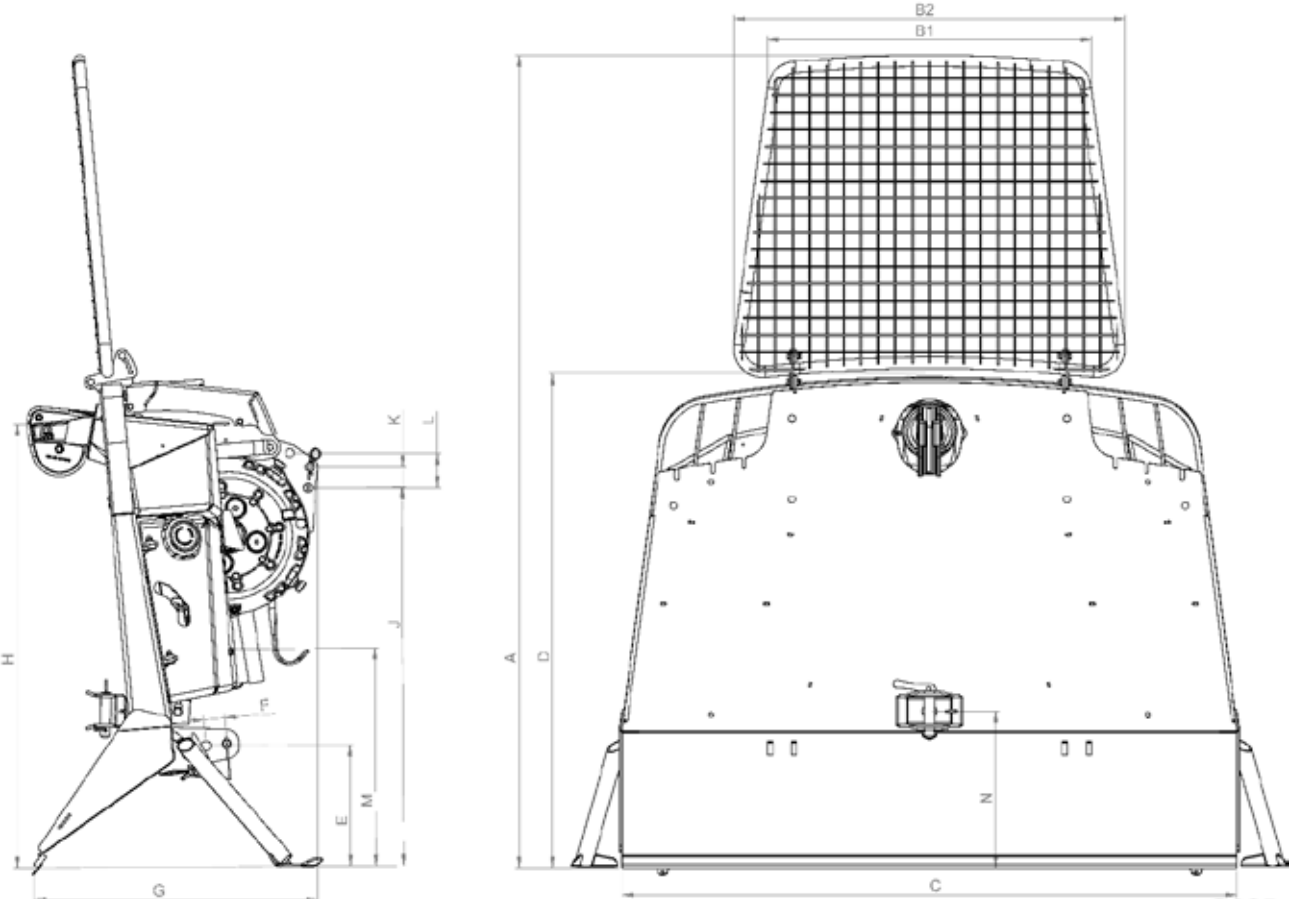
¹ for standard shield width

² with optionally available angled worm gear unit deviating dimensions

P260



P163K, P172, P173K, P186, P1102



P272, P273K, P285, P2102

