

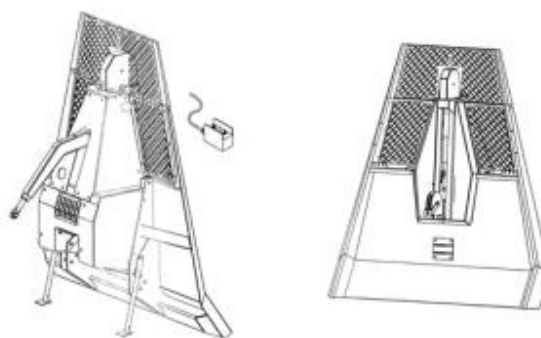
Product sheet

IGLAND 85H



Applications

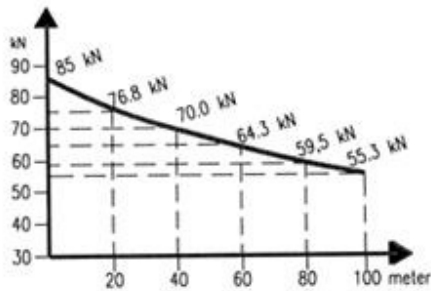
High output under demanding conditions make this a winch for the professional. Close placement to tractor permits heavier loads. A high-capacity drum and stable line pull (8.5 tons) make this ideal for difficult operations. Hydraulic adjustable pulling point. Good spooling characteristics (spoolmatic). Designed for 90-140 hp tractors and equipped with electrohydraulic high pressure operation with self-contained hydraulics.



Technical specifications

Max pulling capacity - drum empty	85 kN (8,5 tons)
Max pulling capacity - drum full (ISO 6687)	50 kN
Number of drums	1
Wire rope, calculated capacity (ISO 6687)	140m 12mm, 120m 13mm (ISO 6687)
Recommended cable length	50 m 12 mm
Haul-in speed @ 540 PTO rpm (Min - Max)	0.48 - 0.82 m/s (ISO 6687)
Reduction ratio	1 : 12.3
Minimum PTO power (ISO 6687)	51 kW (ISO 6687)
Brake power	106 kN
Controls	Electrohydraulic HP with self-contained hydraulics. Electric outfit: 13-pole contact
Clutch	Double friction plate
Brake	Spring-loaded band, automatic safety brake
Attachment	Three-point hitch
Height of pto shaft above ground	58 cm
Height (standard) / Width / Depth	230 cm / 206 cm / 88 cm
Weight (without wire rope)	Standard: 880 kg

Pulling capacity



All Igländ winches are designed for mounting on farm tractors with standard three-point hitches

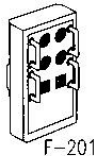
This winch is fabricated of RAEX-Multisteel

Recommended cable type: 6 x 26 WS + IWRC 180 kp

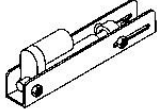
Optional equipment



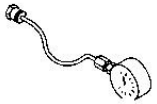
1
T-100



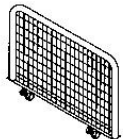
2
F-201



3



4



5

(1) Radio remote control T-100. 2 functions (091175). 80 m range. Standard 2-channel radio transmitter controls all normal winch functions -haul - brake - disengage. Dependable and easy to operate from chest pocket. Eliminates necessity of walking back and forth, dramatically increasing efficiency of operations. Enables operation from best and safest viewpoint.

(2) Radio remote control F-201, 130 m range. Equipped with battery charger. (091320: Combines variable engine speed control unit and controlled load release / 091316: including controlled load release only).

(3) High/low engine speed control unit (091442). For T-100. Controls tractor engine speed by remote switching between two preset engine speeds. Automatically revs engine up from idle to working speed when winch is activated.

(4) Test gauge for HP operation (022120) Pressure gauge for use in maintenance and repair of HP integral hydraulic systems.

(5) Top screen (184005) Standard log guard extension. Provides additional protection, particularly to persons sitting in cab. Conforms to German GS standard guidelines. Height: 78 cm - width: 90 cm. Total height: 2.30 m.

Recommended PTO shaft: Walterscheid 2400 (209140).



Conforms to EU Machine Directive (CE label).

We reserve the right to make changes.

[Printable layout](#)



IGLAND winches with automatic safety brake

Winch	Pulling capacity drum empty	Haul-in speed @ 540 PTO rpm, Min/Max	Weight	Height / Width / Length	Controls	
					Standard	Optional
Single-drum:						
<u>IGLAND 2001</u>	20 kN (2,0 t)	0,66 - 1,56 m/s	90 kg	97 cm / 90 cm / 37 cm	Manual	Radio
<u>IGLAND 3001</u>	30 kN (3.0 tons)	0.61 - 1.67 m/s	145 kg	115 cm / 100 cm / 37 cm	Manual	Radio
<u>IGLAND 3201</u>	32 kN (3.2 tons)	0.61 - 1.74 m/s (ISO 6687)	Standard: 154 kg	115 cm / 100 cm / 35 cm	Manual	Radio
<u>IGLAND 4001</u>	40 kN (4.0 tons)	0.67 - 1.71 m/s	197 kg	132 cm / 125 cm / 43 cm	Manual	Radio
<u>IGLAND 4201</u>	42 kN (4.2 tons)	0.67 - 1.71 m/s (ISO 6687)	Standard: 206 kg	132 cm / 125 cm / 44 cm	Manual	Radio
<u>IGLAND 4501</u>	45 kN (4.5 tons)	0,67 - 1,66 m/s	260 kg	192 cm / 152 cm / 61 cm	Manual	Radio
<u>IGLAND 5001</u>	50 kN (5.2 tons)	0.63 - 1.62 m/s	285 kg	148 cm / 150 cm / 46 cm	Manual	Radio
<u>IGLAND 55</u>	55 kN (5.1 tons)	0.76 - 1.73 m/s [w/optional reduction ratio: 0.44 - 1.00 m/s]	Standard: 380 kg	230 cm / 173 cm / 70 cm	Manual	Radio
<u>IGLAND 65H</u>	65 kN (6.5 tons)	0.64 - 1.2 m/s (ISO 6687)	Standard: 615 kg	230 cm / 195 cm / 82 cm	El. hydr.HP	Radio
<u>IGLAND 85H</u>	85 kN (8,5 tons)	0.48 - 0.82 m/s (ISO 6687)	Standard: 880 kg	230 cm / 206 cm / 88 cm	El. hydr.HP	Radio
Double-drum:						
<u>IGLAND 5002 Pento TL</u>	50 kN (5 tons)	0.59 - 1.12 m/s (ISO 6687)	Standard: 683 kg	161 cm / 205 cm / 93 cm	El. hydr.LH	Radio
<u>IGLAND 6002 Pronto TL</u>	60 kN (6 tons)	0.60 - 1.11 m/s (ISO 6687)	Standard: 683 kg	161 cm / 205 cm / 92.5 cm	El. hydr.HP	Radio
<u>IGLAND 9002 Maxo TL</u>	90 kN (9 tons)	0.30 - 0.61 m/s (ISO 6687)	Standard: 722 kg	161 cm / 205 cm / 95 cm	El. hydr.HP	Radio

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