

## SH 22 – the professional winch for pulling of loads

### Description:

electric winch, 12 V or 24 V  
 strong series wound motor with constant torque, reversible  
 rated line pull to EN14492-1: 22 kN (2250 kg), max. line pull 40 kN  
 three-stage planetary gears, gear ratio 216:1  
 automatic load holding cone brake  
 free spool clutch for manual unwinding of the rope  
 wire rope fixed to drum by robust key hole anchor  
 drum diameter : rope diameter D:d 10:1  
 wire rope with safety hook  
 4-way roller fairlead  
 solenoid box for separate or direct mounting  
 two battery cables with terminals, length 1.80 m  
 emergency-off switch and solenoid  
 overload safety switch / load limiting device  
 cable remote control with push button switch, length 3.60 m  
 manual

**CE – sign to European Machinery Directive 2006/42/EC  
 product meets European Standard EN14492-1  
 (Cranes, part 1: Power Driven Winches)**

### Technical Data:

Manufacturer:	<b>SCHMITZ &amp; HEISLER GMBH</b>		
Model:	<b>SH 22</b>		
Intended Purpose:	<b>pulling of loads, vehicle recovery</b>		
line pull on first rope layer (max.):	40kN		
rated line pull on first rope layer:	22kN	with load limiting device installed	
amperage draw at rated load	12V: 240A		
	24V: 120A		
required wire rope:	max. diameter:	8mm	
	min. breaking strength	44kN	
weight with wire rope		39kg	

### Rated line pull and wire rope capacity per rope layer:

wire rope layer	1	2	3
rated line pull [kN] to EN14492-1	22.0	18,2	15.5
wire rope capacity [m] max.	7	15	23

### Line speed and amperage draw depending on load, on first rope layer:

load [kN] first rope layer	0	10	22
line speed [m/min]	12V	8.0	4.5
	24V	8.0	5.0
amperage draw [A]	12V	66	170
	24V	32	85

### Recommended accessories:

mounting plate, cable tensioner, snatch block, wireless remote control