

LOGGING WINCHES



TAJFUN

Tajfun started developing and manufacturing logging winches in 1979. We constantly update, upgrade and develop different winch types for different needs. The results of our long term development are:

- Simple and fast set up and take down
- Reliable and easy hydraulic (Type AHK) or mechanical control (Type A ),
- Very simple and fast installation to tractor's three point mounting system,
- Robotic welded stable and robust construction, made of high quality steel, laser cut and powder coated,
- Sturdy drive line, each shaft with double bearings and double reduction gearing (winches from 10,000 lbs to 22,500 lbs),
- Highly efficient clutch activation, even with mechanical winches – short pull, low activation pressure,
- High efficiency and safety.



# TAJFUN Logging Winches

- A new generation of Tajfun logging winches with mechanical (A) or electrohydraulic (AHK) control.
- Single or double drum version
- From 7,900 lbs to 22,500 lbs of Pulling Power.



Upper safety net can be set into two working and one transport position.



New and remodelled tail hook holder.



Large and stable parallel shielded pulleys follow the pulling direction, even at highest loads.



Grooves for hanging chains and additional hangers for chains.



Coupling - serial, removable with bolts.



Motor saw holder.



Adjustable upper coupling.



Folding shaft holder.



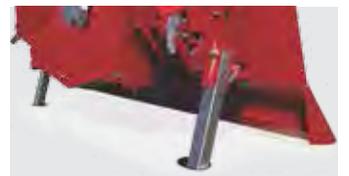
A new and remodelled lower pulley with a patented system for quick insertion and extraction of the wire rope.



Two covered toolboxes.



Coupling bolts with a patented protection system.



Two folding support legs ensure stability of the standalone winch.

High quality, wide protection blade with an enforced lower blade, made of Hardox metal. Wedged shape of the blade ensures safe anchoring.



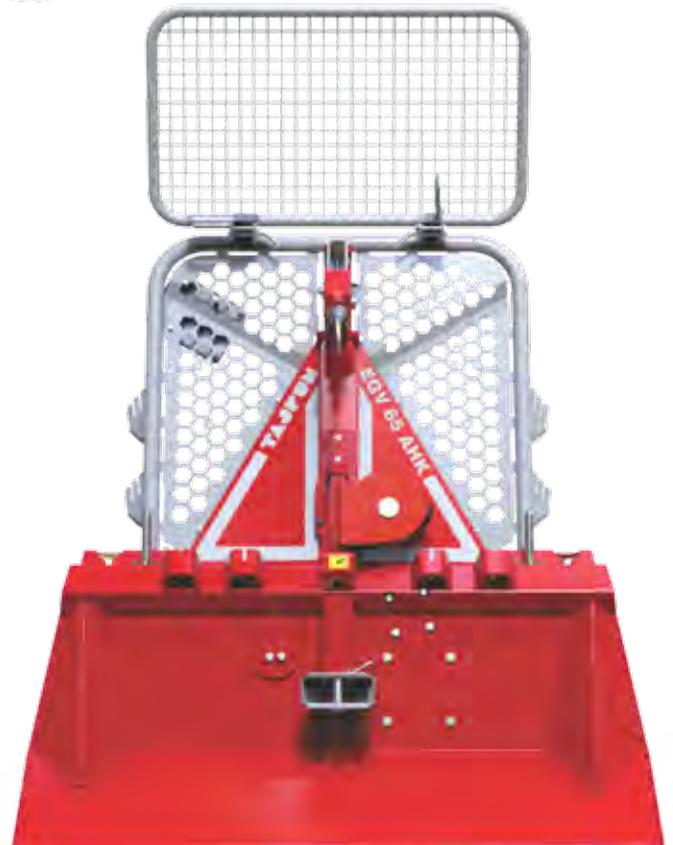
- Large and massive drum (large capacity of the rope) with a large drum diameter (small loss of pulling power and longer rope lifespan)
- Strong drum walls
- Wide brake band
- High quality SKF bearings
- High pulling force and lower loading of component parts due to a 3 or 5 plate clutch

## TAJFUN Hydraulic Winches (AHK)

Tajfun hydraulic winches have electrohydraulic control and a separate hydraulic system. This provides comfortable, safe and simple control of the winch with a control pendant or a radio remote control (optional). The radio remote control option enables the control of the winch (without additional interventions in the winch or tractor) and tractor (engine revolution regulation, engine start and stop, turning on the shaft – the functions are installed by an authorised service technician). The main advantage of such control is that it allows the operator to safely control the winch and tractor alone, thus ensuring greater effectiveness and safety at work.



Hydraulic logging winches are also available with an integrated bio-oil.



EGV 45 AHK	10,000 lbs
EGV 55 AHK	12,250 lbs
EGV 65 AHK	14,500 lbs
EGV 65 AHK ZS	14,500 lbs
EGV 85 AHK	19,000 lbs
EGV 105 AHK	22,500 lbs
DGV 2 x 55 AHK	2 x 12,300 lbs

# Limit switch



The new wire rope guide with an limit switch turning off the pulling action. When working via the upper pulley, the pulling action automatically stops when the rope hook reaches the wire rope guide. This prevents possible damage.



Electrohydraulic system is built into the construction and thus protected from possible damage and weather conditions.



The pump is driven by a cogwheel multiplier. A pressure filter is installed behind the pump that additionally makes sure that the oil in the system is clean.



An oil reservoir with a sprue on the outer part of the frame.



A long window showing the oil level.



Radio remote control (optional).



Control Pendant operation (start and stop of the main winch functions).

# TAJFUN SG Driven Pulley

- Help with extracting the rope from the drum.
- Ensures even and solid wire rope coiling on the drum, even when the rope is not under tension.
- Built-in limit switch for turning off the pulling action.
- Extends the rope lifespan.
- Pressure wheels ensure a good grip of the wire rope at extraction and pulling in, regardless of external influences.



**Continuous regulation of wire rope pulling speed.**



# EGV 65 AHK ZS

## Front and rear side installation

is Tajfun's single drum hydraulic logging winch, designed for installation to tractor's front side. It also provides rear end installation. This versatile usage is possible due to special reduction gear with two connecting shafts (upper and lower). The second stage drive is designed using quality gearing with additional tensioner, which allows better chain tensioning and more silent winch operation.

- When connecting the winch to the tractor's front side, the upper connecting shaft is used; standard revolution 1000 rpm and right P.T.O. Shaft rotating direction.
- When connecting the winch to the tractor's rear side, the lower connecting shaft is used; rotating speed 540 rpm and left P.T.O. Shaft rotating direction.



# Double Drum Winch DGV 2 x 55 AHK

is a winch with three point connecting system, intended for heavy logging. Its modern design offers wide usability, easy and reliable operation and long lifespan.

- The winch is made according to international technical and safety regulations.
- The winch drive incorporates two drums which turn in opposite directions and allow equal distribution of forces on the frame. The drums are functionally independent and offer simultaneous work.
- The drums are positioned in the lower part of the frame, to make the drum axles parallel to the tractor axles. High distance between the drum and the inner pulley allows better wire rope coiling and lower center of gravity of the winch.
- The winch is controlled by built-in hydraulic system and operated by using a control pendant or radio remote control.



Optional – radio remote control



# Double Drum Integrated Winch DVV 2 x 90

offers front (optional) or rear installation. Built-in hydraulic system allows independent and safe winch operation. Controlled by using control panel or remote control.

- Quality materials and superior winch surface protection
- High pulling power – 6 plate heavy duty clutch
- Reliable differential band brake with high torsion surface (lower wear)
- Stable drive with quality SKF bearings. It is constructed with two stages: with pair of cone and spur gears (long lifespan, high efficiency, low fuel consumption and low drive heating)



Large Oil Reservoir for hydraulic system and drive of driven pulleys



Massive High Capacity Drums and easy wire rope installation



Robust Rollers for directing of wire rope



Compact Driven Pulleys allow free rotation and help when extracting the rope from the drum and ensure solid and even rope coiling.

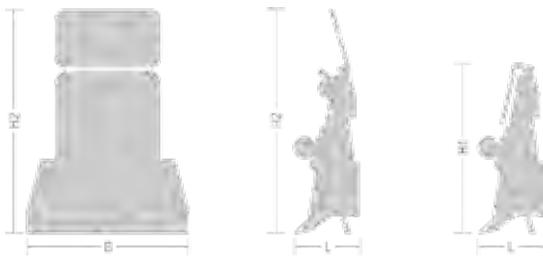


Front or rear tractor installation. Front installation is optional.



## EGV 35 A

Pulling Power	7,900 lbs
Brake Power	9,900 lbs
Gear Ratio	1 : 7.5
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 min <sup>-1</sup> )	24.75" - 46.5"/s
Max. Drum Capacity	Ø 11 / 180'
	Ø 10 / 223'
	<b>Ø 9 / 272'</b>
Required Tractor Capacity	15 - 35 HP
Weight Without Wire Rope	530 lbs
Mounting	I, II
Bottom Pulley	✓
Coupling	✓
Differential Brake Band	✓
Radio Remote Control	✗
Powered Upper Pulley	✗



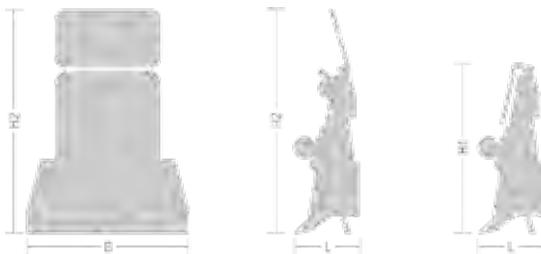
	EGV 35 A
Width (B)	48"
Length (L)	19.25"
Transport Height (H1)	50"
Overall Height (H2)	79"



## EGV 45 A

## EGV 45 AHK EGV 45 AHK SG

10,000 lbs	Pulling Power	10,000 lbs
12,500 lbs	Brake Power	12,500 lbs
1 : 8.89	Gear Ratio	1 : 8.89
21.25" - 42.5"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	21.25" - 42.5"/s
Ø 12 / 200'	Max. Drum Capacity	Ø 12 / 200'
Ø 11 / 255'		Ø 11 / 255'
<b>Ø 10 / 308'</b>		<b>Ø 10 / 308'</b>
20 - 50 HP	Required Tractor Capacity	20 - 50 HP
728 lbs	Weight Without Wire Rope	772 lbs
I, II	Mounting	I, II
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
×	Radio Remote Control	Optional
×	Powered Upper Pulley	EGV 45 AHK SG



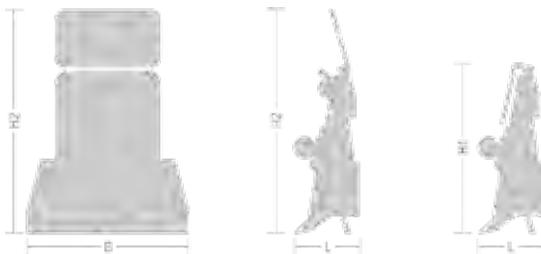
	EGV 45 A / EGV 45 AHK (SG)
Width (B)	55"
Length (L)	21"
Transport Height (H1)	54"
Overall Height (H2)	91"



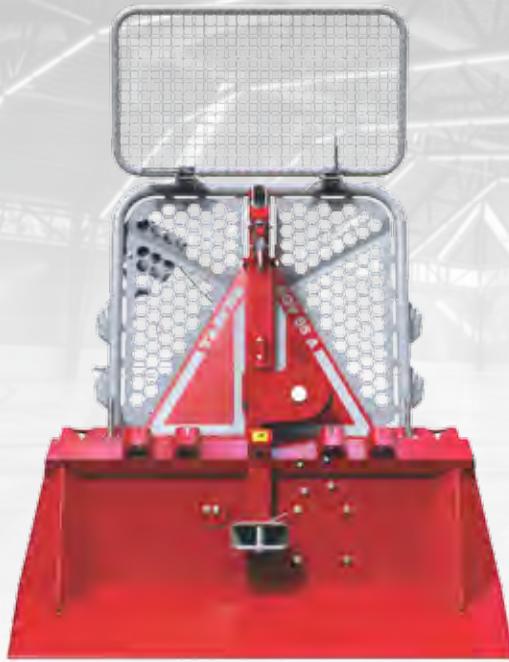
## EGV 55 A

## EGV 55 AHK EGV 55 AHK SG

12,250 lbs	Pulling Power	12,250 lbs
15,500 lbs	Brake Power	15,500 lbs
1 : 8.9	Gear Ratio	1 : 8.9
21.25" - 42.25"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	21.25" - 42.25"/s
Ø 13 / 183'	Max. Drum Capacity	Ø 13 / 183'
Ø 12 / 200'		Ø 12 / 200'
Ø 11 / 255'		Ø 11 / 255'
35-70 HP	Required Tractor Capacity	35 - 70 HP
761 lbs	Weight Without Wire Rope	761 lbs
I, II	Mounting	I, II
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
×	Radio Remote Control	Optional
×	Powered Upper Pulley	EGV 55 AHK SG



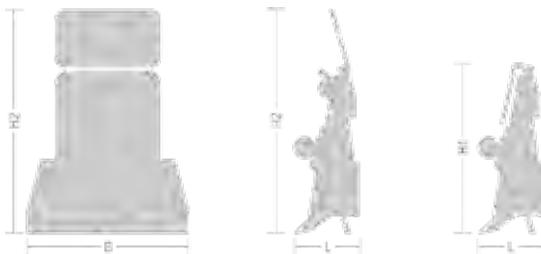
	EGV 55 A / EGV 55 AHK (SG)	EGV 55 A 1.8M / EGV 55 AHK 1.8M (SG)
Width (B)	60"	71"
Length (L)	23"	23"
Transport Height (H1)	63"	63"
Overall Height (H2)	91"	91"



## EGV 65 A

## EGV 65 AHK EGV 65 AHK SG

14,500 lbs	Pulling Power	14,500 lbs
18,000 lbs	Brake Power	18,000 lbs
1 : 10.8	Gear Ratio	1 : 10.8
19.5" - 38.75"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	19.5" - 38.75"/s
Ø 14 / 255'	Max. Drum Capacity	Ø 14 / 255'
Ø 13 / 291'		Ø 13 / 291'
<b>Ø 12 / 387'</b>		<b>Ø 12 / 387'</b>
50 - 90 HP	Required Tractor Capacity	50 - 90 HP
1,136 lbs	Weight Without Wire Rope	1,191 lbs
I, II	Mounting	I, II
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
×	Radio Remote Control	Optional
×	Powered Upper Pulley	EGV 65 AHK SG



### EGV 65 A / EGV 65 AHK (SG)

### EGV 65 A 1.8M / EGV 65 AHK 1.8M (SG)

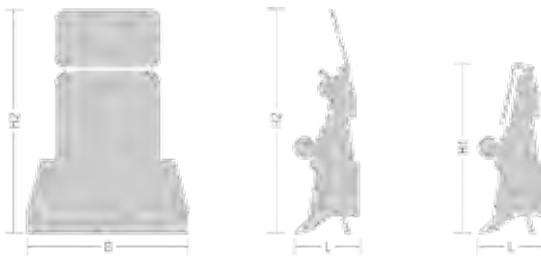
Width (B)	66"	71"
Length (L)	27"	27"
Transport Height (H1)	69"	69"
Overall Height (H2)	91"	91"



## EGV 85 A

## EGV 85 AHK EGV 85 AHK SG

19,000 lbs	Pulling Power	19,000 lbs
23,500 lbs	Brake Power	23,500 lbs
1 : 10.7	Gear Ratio	1 : 10.7
20" - 43"/s	Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 rpm)	20" - 43"/s
Ø 15 / 282'	Max. Drum Capacity	Ø 15 / 282'
Ø 14 / 347'		Ø 14 / 347'
<b>Ø 13 / 360'</b>		<b>Ø 13 / 360'</b>
70 - 135 HP	Required Tractor Capacity	70 - 135 HP
1,257 lbs	Weight Without Wire Rope	1,301 lbs
I, II	Mounting	I, II
✓	Bottom Pulley	✓
✓	Coupling	✓
✓	Differential Brake Band	✓
x	Radio Remote Control	Optional
x	Powered Upper Pulley	EGV 85 AHK SG

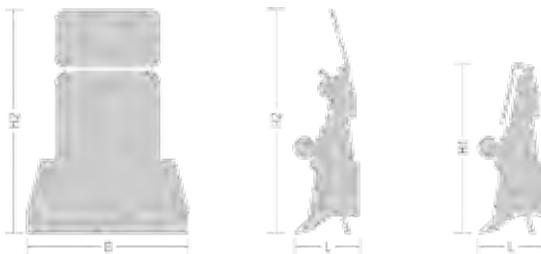


	EGV 85 A EGV 85 AHK (SG)	EGV 85 A 1.95M EGV 85 AHK 1.95M (SG)	EGV 85 AHK 1.95M (SG) EGV 85 AHK 2.05M (SG)
Width (B)	71"	77"	81"
Length (L)	27"	27"	27"
Transport Height (H1)	70"	70"	70"
Overall Height (H2)	91"	91"	91"

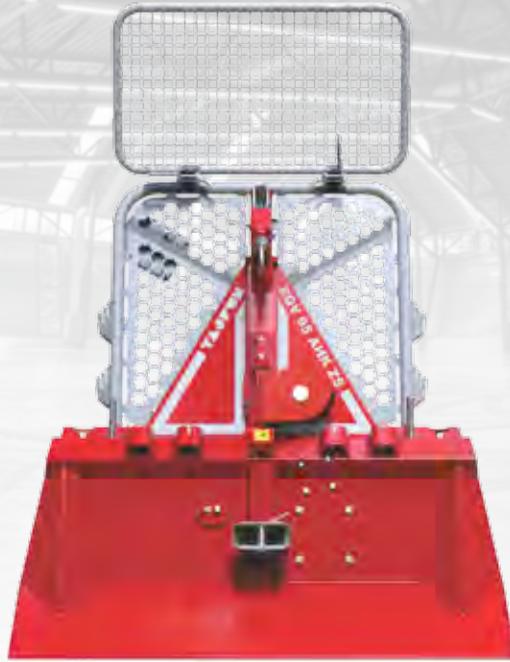


## EGV 105 AHK EGV 105 AHK SG

Pulling Power	22,500 lbs
Brake Power	28,100 lbs
Gear Ratio	1 : 12.1
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 min <sup>-1</sup> )	19.75" - 40"/s
Max. Drum Capacity	Ø 18 / 269'
	Ø 16 / 360'
	<b>Ø 15 / 410'</b>
	<b>Ø 14 / 426'</b>
Required Tractor Capacity	> 100 HP
Weight Without Wire Rope	1,764 lbs
Mounting	III
Bottom Pulley	✓
Coupling	✓
Differential Brake Band	✓
Radio Remote Control	Optional
Powered Upper Pulley	EGV 105 AHK SG

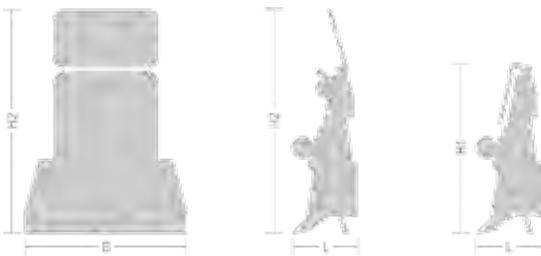


	EGV 105 AHK (SG)	EGV 105 AHK 2.3M (SG)
Width (B)	77"	91"
Length (L)	31"	31"
Transport Height (H1)	76"	76"
Overall Height (H2)	91"	91"



## EGV 65 AHK ZS EGV 65 AHK ZS SG

Pulling Power	14,500 lbs
Brake Power	18,000 lbs
Gear Ratio Back	1:10.8
Gear Ratio Front	1:18.6
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 min <sup>-1</sup> )	19.5" - 38.75"/s
Max. Drum Capacity	Ø 14 / 255'
	Ø 13 / 291'
	<b>Ø 12 / 387'</b>
Required Tractor Capacity	50 - 90 HP
Weight Without Wire Rope	1,191 lbs
Mounting	I, II
Bottom Pulley	✓
Coupling	✓
Differential Brake Band	✓
Radio Remote Control	Optional
Powered Upper Pulley	EGV 65 AHK ZS SG

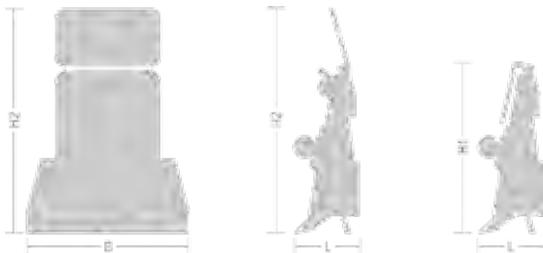


	EGV 65 AHK ZS (SG)	EGV 65 AHK ZS 1.8M (SG)
Width (B)	66"	71"
Length (L)	26"	26"
Transport Height (H1)	69"	69"
Overall Height (H2)	91"	91"



**DGV 2 x 55 AHK**  
**DGV 2 x 55 AHK SG**  
**DGV 2 x 55 AHK 1 x SG**

Pulling Power	2 x 12,300 lbs
Brake Power	15,500 lbs
Gear Ratio	1 : 9.1
Rope Velocity (at Standard No of Rev. of P.T.O. Shaft 540 min <sup>-1</sup> )	20.75" - 40.75"/s
Max. Drum Capacity	Ø 13 / 183' x 2
	Ø 12 / 200' x 2
	Ø 11 / 255' x 2
Required Tractor Capacity	80 - 135 HP
Weight Without Wire Rope	1,522 lbs
Mounting	I, II
Bottom Pulley	✓
Coupling	✗
Differential Brake Band	✓
Radio Remote Control	Optional
Powered Upper Pulley	DGV 2 x 55 AHK SG and DGV 2 x 55 AHK 1 x SG

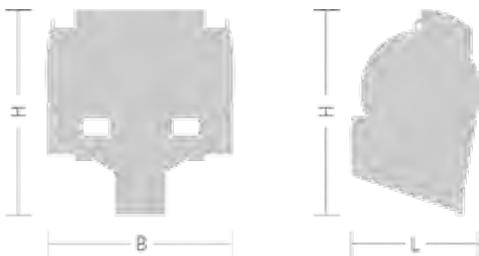


	DGV 2 x 55 AHK (SG or 1 x SG)	DGV 2 x 55 AHK 2.2M
Width (B)	78"	87"
Length (L)	26"	26"
Transport Height (H1)	71"	71"
Overall Height (H2)	91"	91"



## DVV 2 x 90

Max. Pulling Power	2 x 20,200 lbs
Pulling Power - Inner Diameter	20,200 lbs
Pulling Power - Outer Diameter	10,300 lbs
Brake Power	25,100 lbs
Min. Wire Rope Diameter	Ø 14 mm
Midle Rope Velocity	27.75"/s
Max. Drum Capacity	Ø 14 / 314' x 2
	Ø 15 / 252' x 2
	<b>Ø 16 / 229' x 2</b>
Required Tractor Capacity	123.5 HP
Weight Without Wire Rope	1,345 lbs
Max. Oil pressure $p_{max}$	2,175 psi
Hy. Oil Quantity	4 gal
Gearbox Oil Quantity	2.65 gal
P.T.O. Shaft Speed (Max.)	540 rpm



	DVV 2 x 90
Width (B)	37"
Length (L)	24"
Height with Oil Tank (H)	32"

# LOGGING WINCHES ACCESSORIES

## Fuel container holder

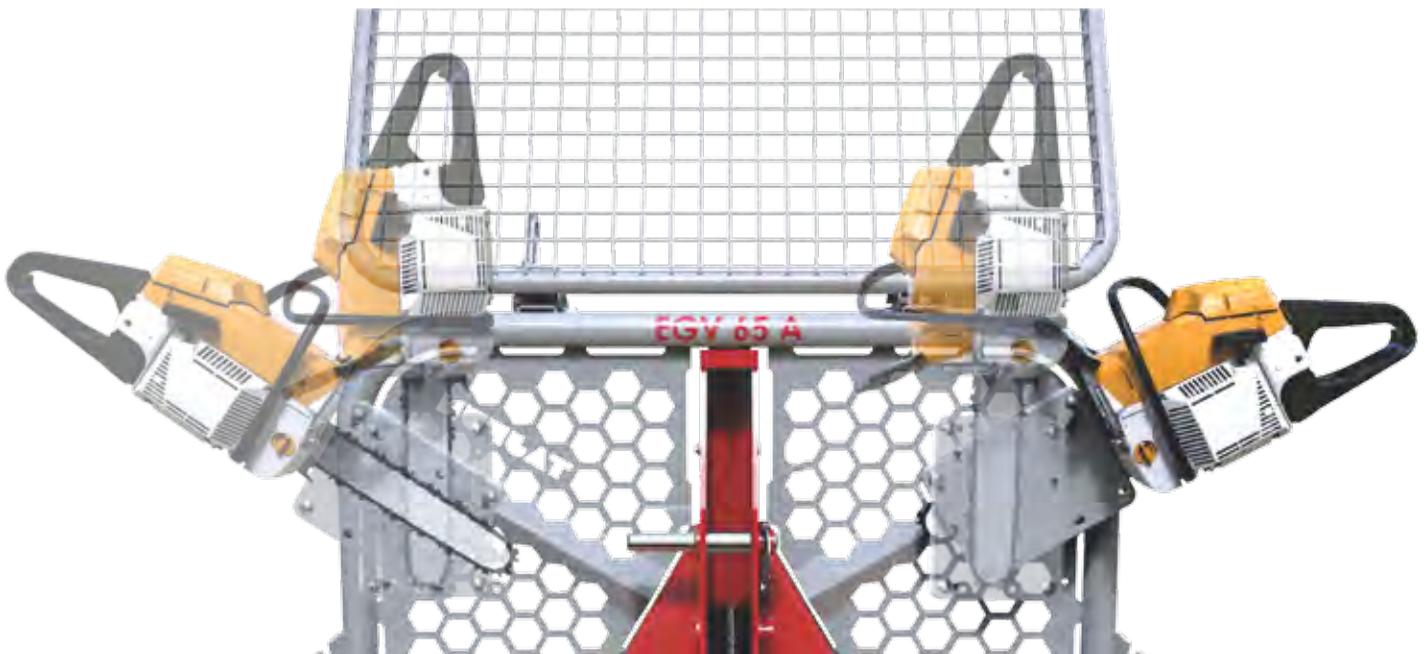
The fuel container holder can be installed on the left or right side of the safety net.



Article number	Name	Weight	Compatibility	Width x Length
241259	Fuel container holder	8.0 lbs	EGV 35 A, EGV 45 A, EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS, EGV 85 A, EGV 85 AHK, EGV105 AHK	6" - 7.4" x 13.5"
246205	Fuel container holder XL	8.0 lbs	EGV 35 A, EGV 45 A, EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS, EGV 85 A, EGV 85 AHK, EGV105 AHK	6" - 7.4" x 15"

## Motor saw holder

The motor saw holder can be installed on the left or right side of the safety net. One winch can hold up to two holders.



Article number	Name	Weight	Compatibility
205574	Motor saw holder	3.0 lbs	EGV 35 A, EGV 45 A, EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS, EGV 85 A, EGV 85 AHK, EGV 105 AHK

## Hooks

Article number	SLIDING – Slide on wire rope	Wire Rope Diameter
500079	Hook Sliding	Ø 9 - Ø 13 mm

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Article number	PARALLEL – Hooked to the end of wire rope	Wire Rope Diameter
500070	Hook Paralle P7-8	Ø 9 mm
500071	Hook Paralle P10	Ø 10 - Ø 13 mm
500072	Hook Paralle P13	Ø 14 mm



## Ball Joints

Article number	PIVOTING, ROTATING	Wire Rope Diameter
504398	Pivoting Ball Joint - for chain lock	Ø 8 - Ø 10 mm
504399	Pivoting Ball Joint - for chain lock	Ø 10 - Ø 13 mm



## Sliders

Article number	SIMPLE	Wire Rope Diameter
500090	Slider POK	Ø 13 mm -

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Article number	ROTATING	Wire Rope Diameter
500089	Slider Rotating D7-8	- Ø 12 mm
504155	Slider Rotating D7-8	- Ø 12 mm



## Wire Rope



Article number		Diameter	Weight	Breaking Force
503453	SV	Ø 9	0.3 lbs/Foot	18,587 lbs
503454	SV	Ø 10	0.3 lbs/Foot	22,298 lbs
503446	FV	Ø 11	0.43 lbs/Foot	26,343 lbs
503447	FV	Ø 12	0.5 lbs/Foot	30,728 lbs
503448	FV	Ø 13	0.58 lbs/Foot	37,479 lbs
503449	FV	Ø 14	0.66 lbs/Foot	44,247 lbs
503450	FV	Ø 16	0.85 lbs/Foot	51,632 lbs



\* Wire rope compatibility with particular winch models and maximum wire rope lengths are quoted in the technical data table, next to particular winch description.

# TAJFUN PS 130 Snatch Block

- High load capacity
- Easy operation even under the roughest conditions
- Low weight and small size compared to existing snatch blocks (light construction)
- SMART lock, which allows fast and simple pulley side opening
- Combination of human friendly top quality materials
- Modern innovative design



Load Capacity	29,200 lbs
Break Force	58,450 lbs
Weight	5 lbs

## Load Belt

Especially designed for operation with TAJFUN PS 130 snatch blocks, logging winches and mobile tower yarders.

Article number	Description	
212150	TAJFUN PS 130 Snatch Block with Load Belt 6.6'	
212151	TAJFUN PS 130 Snatch Block with Load Belt 9.9'	
Length	6.6'	9.9'
Load Capacity	30,865 lbs	30,865 lbs
Weight of the Package (Snatch Block and Load Belt)	7.7 lbs	9.7 lbs



Available as a package (snatch block and load belt)



# B&B F10 Radio Remote Control

Professional radio remote controls B&B F10 is essential accessory for hard working conditions and multi usage – operation of single and double drum winches. Ergonomically designed control panel allows comfortable work and reliable control also with working gloves.

Article number	Description
505120	Radio Remote Control EGV, Telenot F10 (option Gas +-)
505215	Radio Remote Control EGV, Telenot F10 (option Motor Start-Stop, Gas +-)
510905	Radio Remote Control DGV, Telenot F10 (option Motor Start-Stop, Gas+-)



## B&B F10 ET and DT

- New shape allows optimum body fit in all situations
- Large control panel, inclined control panel, integrated safety belt ribbon
- Plastic high hardness construction with rubber coated edges
- More carrying options (on hip, chest or abdomen)
- Replaceable ordinary batteries (AA); high quality Sanyo Eneloop batteries are included
- Two way radio technology
- DIN standard compliant Stop and Emergency Switch
- Standard movement and position Sensors
- Optional GPS enabled Emergency Switch
- 5 year warranty for registered customers

B&B	B&B F10
Frequency Band	2.3' ISM Band
Transmission Capacity	10 mW ERP
System Addresses	16 M Unique Addresses
Modulation Type	GMSK / Halbduplex
Control Commands	7/10 + 1 x Emergency Switch / 1x Alarm
Temperature Range	- 20°C to + 60°C

T R A N S M I T T E R	Power supply	2 x AA NiMH- Rechargeable Batteries 1,2V / 1900 mAh
	Housing	2 K Poliamid / 66-GF+TPE
	Protection Type	IP 65
	Height x Width x Length	4.5" x 6.25" x 2.5"
	Weight	1.3 lbs
	Antenna	Integrated

R E C E I V E R	Power supply	10 V to 30 V DC
	Housing	PC ABS
	Protection Type	IP 65
	Height x Width x Length	6" x 8.5" x 2"
	Weight	1.5 lbs
	Antenna	Optional Integrated - Outside Connection

# Actuator

- Compact Construction
- Robust and Reliable
- Designed for Work in Difficult Environments
- Greased for Life
- Light, Durable and Corrosion Resistant

Article number	Description
205274	Actuator
Model	CAHB - 10
Tensile Strength	up to 220.5 lbs
Static Strength	551 lbs
Speed (Full Strength)	up to 1.75"/s
Log Length	2" - 11.75"
Voltage	12 or 24 V DC
Temperature Range	40 F to +185 F
Protection Type	IP 66



## Throttle Regulation Module PGS01

Throttle regulation module is designed for installation into newer tractor models, equipped with proportional (electronic) engine revolution control. By simultaneous use of the module and radio remote control (with stepless gas function) the system

allows engine revolution control. With commands „Gas +“ or „Gas -“ on the radio remote control, module directly controls the electronic tractor engine speed. Module offers versatile use, since it also allows voltage and electric current control.

## Tajfun P.T.O. Shafts



Article number	Model	Dimensions	Compatibility
504900	P.T.O Shaft Line-T 2BR+ KK560	1 3/8" Z6 – 1 3/8" Z6; L =22"	EGV 35 A, EGV 45 A
504901	P.T.O Shaft C Line-T 4BR+ KK560	1 3/8" Z6 – 1 3/8" Z6; L =22"	EGV 45 AHK, EGV 55 A, EGV 55 AHK, EGV 65 A, EGV 65 AHK, EGV 65 AHK ZS
504785	P.T.O Shaft C Line-T 6BR+ KK560	1 3/8" Z6 – 1 3/8" Z6; L =22"	EGV 85 A, EGV 85 AHK, EGV 105 AHK, DGV 2x55 AHK

$L_{KK}$  – P.T.O. Shaft length between pivot points (mm), in compressed position rounded to 10 mm

- Easy to use, user friendly C Line connection
- Flexible protection hood, which allows easy access to connecting mechanism and grease nipples Tajfun P.T.O. Shaft



**TAFUN**  
**DGV 2X55 AHK**