

2021  
EN

# VIME

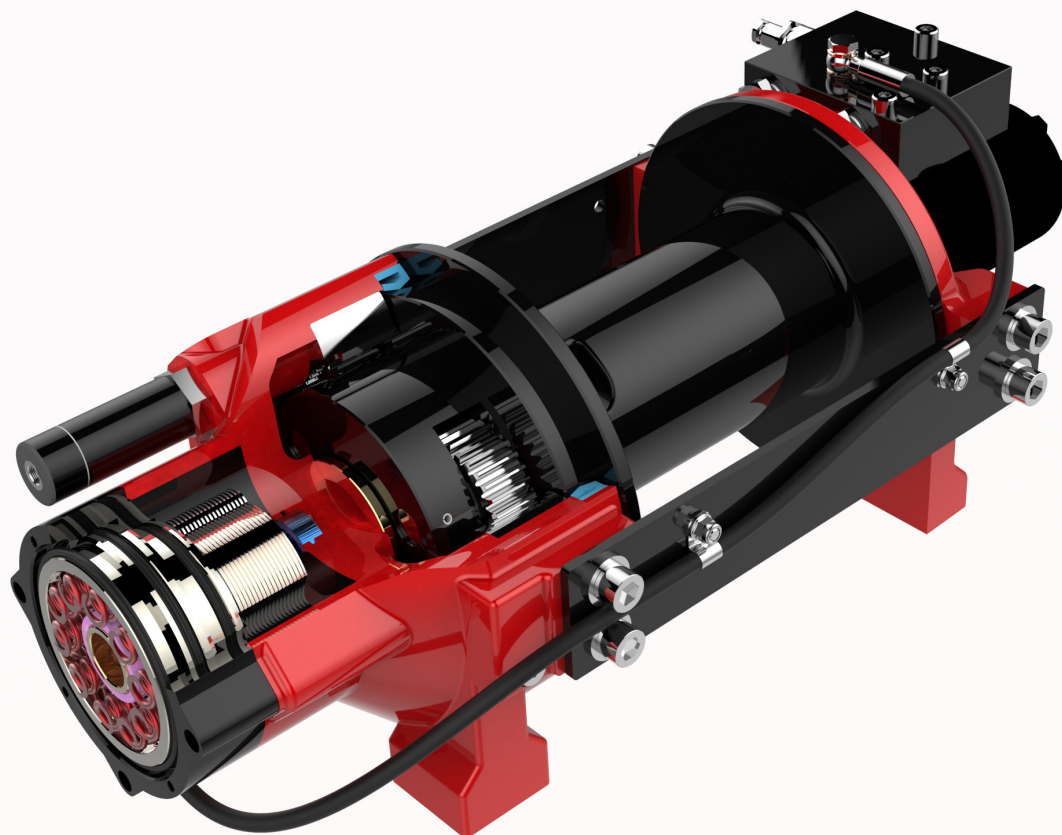
INDUSTRIAL  
*The Quality is Transparent*



## HYDRAULIC PLANETARY AND WORM GEAR WINCHES



### WINCHES FOR PROFESSIONALS



**V.I.M.E. srl** Via Gramsci, 15 40050 Funo Bologna Italy Tel. +39 051 861362 Fax +39 051 861961  
E-mail: [info@vimeindustrial.com](mailto:info@vimeindustrial.com) / Web site: [www.vimeindustrial.it](http://www.vimeindustrial.it) - [www.vimeindustrial.com](http://www.vimeindustrial.com)





VIME has had a long-standing commitment to producing quality winches throughout its range. Year after year VIME winches have been at the forefront of technology and unequalled performance.

Nowadays more European and world industries rely on VIME winches for good performance and uncompromising quality they can offer.

Some operators prefer the heavy duty solid pulling power of a Worm Gear Winch. VIME has what they need from 2,2 to 30 tons capacities. Built with the highest quality our Worm Gear Winches have been the "Choice of Professionals" for over 40 years.

Other operators prefer the fast pay out and compact overall dimensions of a Planetary Gear Winch. VIME has what they need from 3,6 to 25 tons capacities. Built with the highest quality our Planetary Gear Winches claim a reliable brake who offer a smooth control of load.



**SMART AND RELIABLE SOLUTION**



*Your needs guide our choices*











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## TABLE OF CONTENTS

	○ EPH - Planetary winches [Pulling from 3,6 up to 7,2 Tons] on pages : 1-2-3-4-5-6-7
	○ EPH - Planetary winches [Pulling from 10 up to 25 Tons] on pages : 8-9-10-11-12-13
	○ JH - Worm gear winches [Pulling from 2,7 up to 3,6 Tons] on pages : 14-15-16
	○ ZH - Worm gear winches [Pulling from 1,45 up to 3,0 Tons] on pages : 17-18-19-20-21
	○ RH - Worm gear winches [Pulling from 4,5 up to 5,4 Tons] on pages : 22-23-24
	○ MH - Worm gear winches [Pulling from 8,0 up to 9,0 Tons] on page : 25-26
	○ WH - Worm gear winches [Pulling 15,0 Tons] on page : 27
	○ PH - Worm gear winches [Pulling from 30 up to 35 Tons] on page : 28





## EPH FN PLANETARY WINCHES

Model EPH FN are hydraulic planetary winches, designed for long life, offer safe duty.

These winches are built according with higher safety standards and meet SAE J706. The high efficiency planetary gear train, assures fast payout and rewind winching operation. The innovative brake system makes these winches reliable and great for industrial applications.



### EPH 3600FN

PULLING CAPACITY	3.600 Kgs	[8.000 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	10 mm	[- -]
ROPE CAPACITY (SAE J706)	28 Mt	[91,9 Ft]
ROPE CAPACITY (EN 14492-1)	33 Mt	[108,3 Ft]
LINE SPEED (first layer)	14,8 Mt/Min	[48,6 Ft/Min]
LINE SPEED (top layer)	25,4 Mt/Min	[83,3 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel single stage planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **LIGHT AND STRONG**  
Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Short 200 mm (7.9 inch) EPH 3600FN  
Long 252 mm (9.9 inch) EPH/L 3600FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

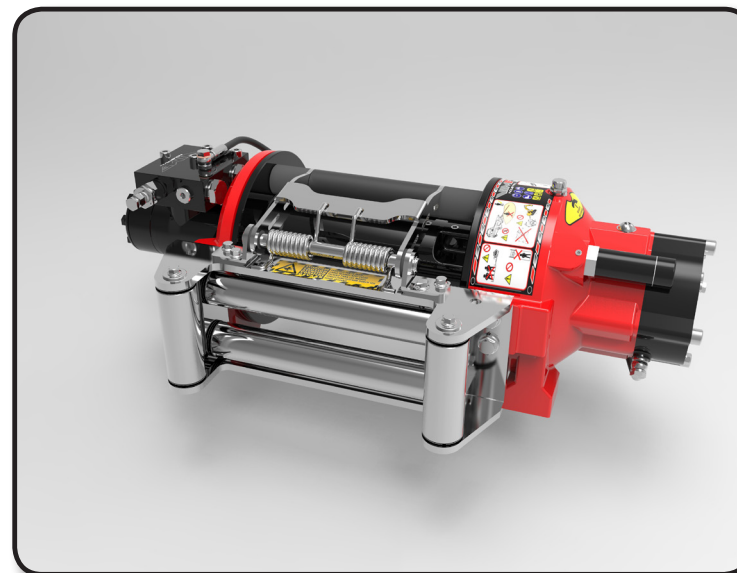
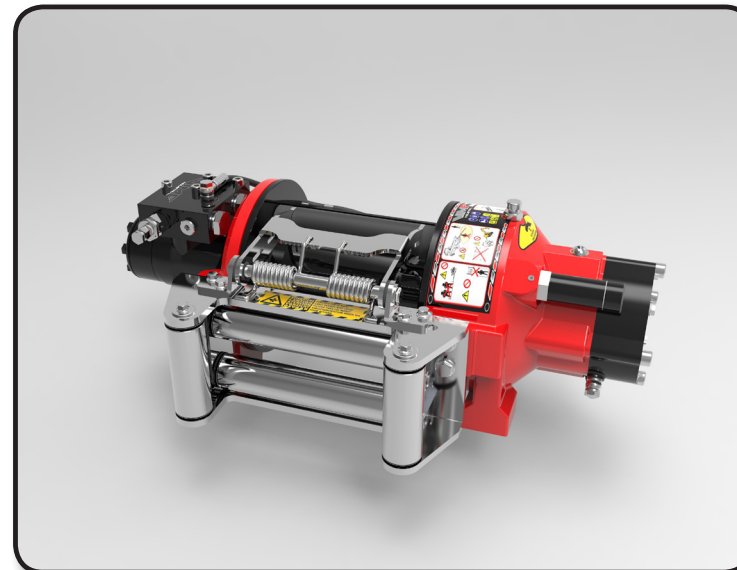
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPHL 3600FN

RATED LINE PULL	3.600 Kgs	[8.000 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	10 mm	[- -]
ROPE CAPACITY (SAE J706)	35 Mt	[114,8 Ft]
ROPE CAPACITY (EN 14492-1)	43 Mt	[141,1 Ft]
LINE SPEED (first layer)	14,8 Mt/Min	[48,6 Ft/Min]
LINE SPEED (top layer)	25,4 Mt/Min	[83,3 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



### WARNING

Do not use winch to lift support or transport personnel.

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### EPH 3600

PULLING CAPACITY	3.600 Kgs	[8.000 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	10 mm	[-]
ROPE CAPACITY (SAE J706)	28 Mt	[91,9 Ft]
ROPE CAPACITY	33 Mt	[108,3 Ft]
LINE SPEED (first layer)	14,8 Mt/Min	[48,6 Ft/Min]
LINE SPEED (top layer)	25,4 Mt/Min	[83,3 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel single stage planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **LIGHT AND STRONG**  
Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished
- ☐ **AUTOMATIC BRAKE**  
Gives a reliable and effective brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Short 200 mm (7.9 inch) EPH 3600  
Long 252 mm (9.9 inch) EPH/L 3600
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

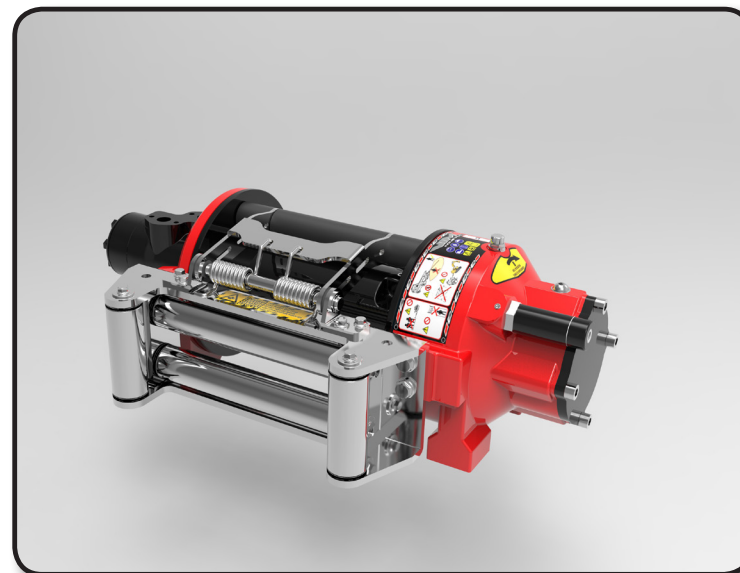
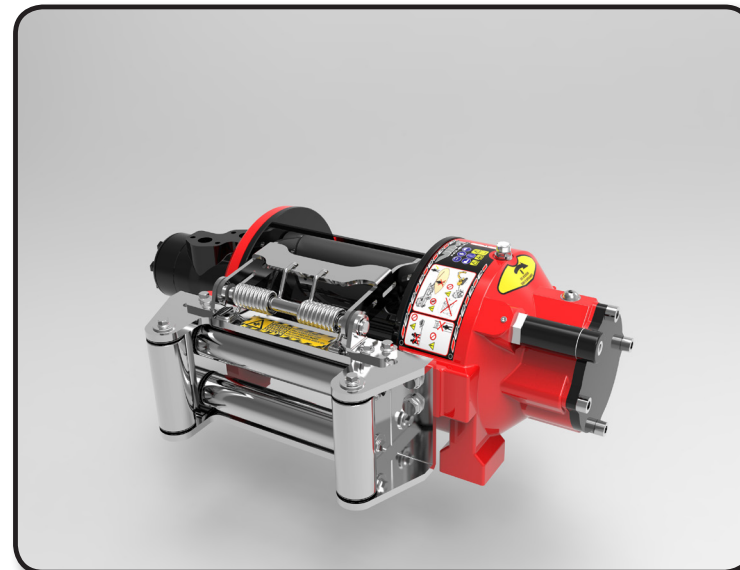
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling
- ☐ Over-centre valve



### EPHL 3600

RATED LINE PULL	3.600 Kgs	[8.000 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	10 mm	[-]
ROPE CAPACITY (SAE J706)	35 Mt	[114,8 Ft]
ROPE CAPACITY	43 Mt	[141,1 Ft]
LINE SPEED (first layer)	14,8 Mt/Min	[48,6 Ft/Min]
LINE SPEED (top layer)	25,4 Mt/Min	[83,3 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



### WARNING

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### EPHC 4500FN

PULLING CAPACITY	4.500 Kgs	[10.000 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	11 mm	[-]
ROPE CAPACITY (SAE J706)	26 Mt	[85,3 Ft]
ROPE CAPACITY (EN 14492-1)	30 Mt	[98,4 Ft]
LINE SPEED (first layer)	11,7 Mt/Min	[38,4 Ft/Min]
LINE SPEED (top layer)	20,8 Mt/Min	[68,2 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel single stage planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **LIGHT AND STRONG**  
Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Short 200 mm (7.9 inch) EPH/C 4500FN  
Standard 252 mm (9.9 inch) EPH 4500FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

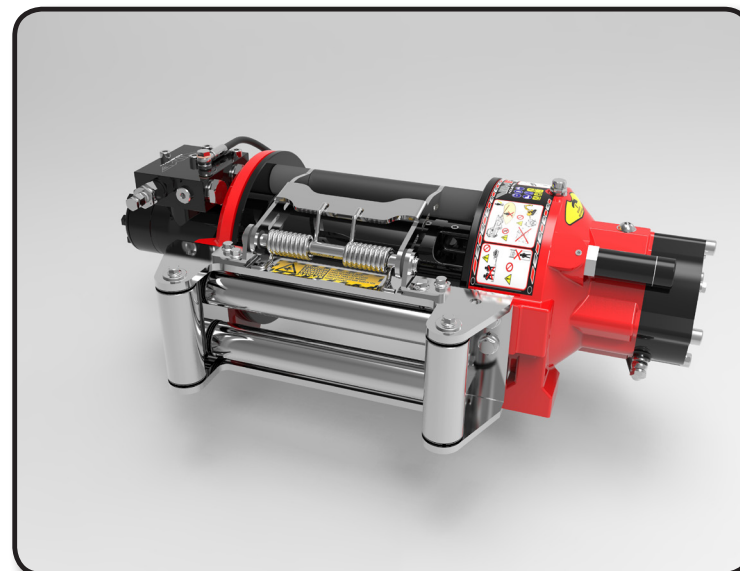
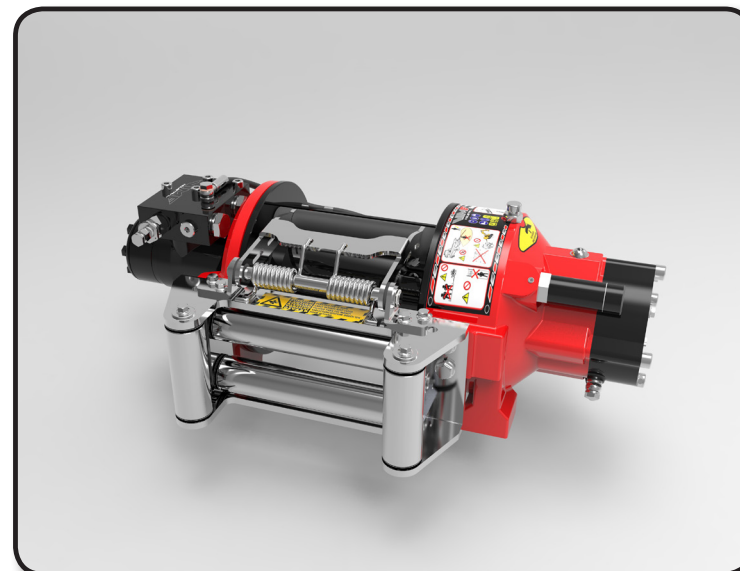
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPH 4500FN

RATED LINE PULL	4.500 Kgs	[10.000 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	11 mm	[-]
ROPE CAPACITY (SAE J706)	33 Mt	[108,3 Ft]
ROPE CAPACITY (EN 14492-1)	40 Mt	[131,2 Ft]
LINE SPEED (first layer)	11,7 Mt/Min	[38,4 Ft/Min]
LINE SPEED (top layer)	20,8 Mt/Min	[68,2 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



### WARNING

Do not use winch to lift support or transport personnel.

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### EPHC 4500

PULLING CAPACITY	4.500 Kgs	[10.000 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	11 mm	[-]
ROPE CAPACITY (SAE J706)	26 Mt	[85,3 Ft]
ROPE CAPACITY	30 Mt	[98,4 Ft]
LINE SPEED (first layer)	11,7 Mt/Min	[38,4 Ft/Min]
LINE SPEED (top layer)	20,8 Mt/Min	[68,2 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel single stage planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **LIGHT AND STRONG**  
Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished
- ☐ **AUTOMATIC BRAKE**  
Gives a reliable and effective brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Short 200 mm (7.9 inch) EPH/C 4500  
Standard 252 mm (9.9 inch) EPH 4500
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

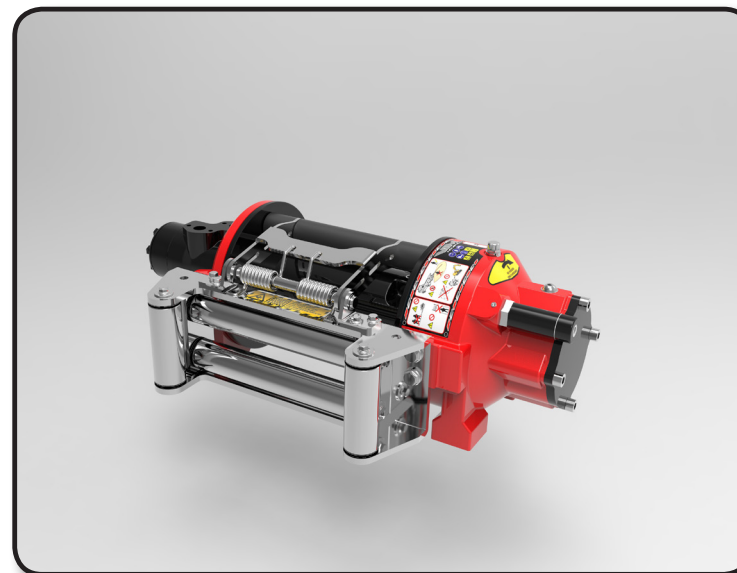
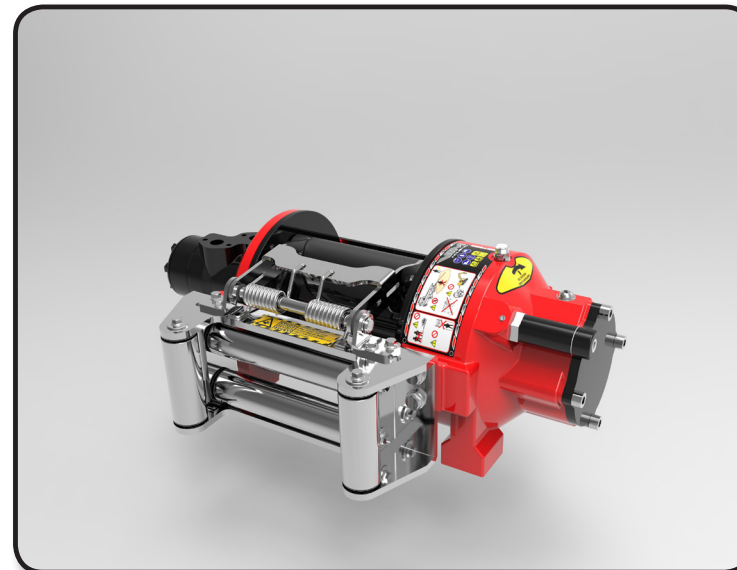
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling
- ☐ Over-centre valve



### EPH 4500

RATED LINE PULL	4.500 Kgs	[10.000 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	11 mm	[-]
ROPE CAPACITY (SAE J706)	33 Mt	[108,3 Ft]
ROPE CAPACITY	40 Mt	[131,2 Ft]
LINE SPEED (first layer)	11,7 Mt/Min	[38,4 Ft/Min]
LINE SPEED (top layer)	20,8 Mt/Min	[68,2 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



### WARNING

Do not use winch to lift support or transport personnel.



## EPH FN PLANETARY WINCHES

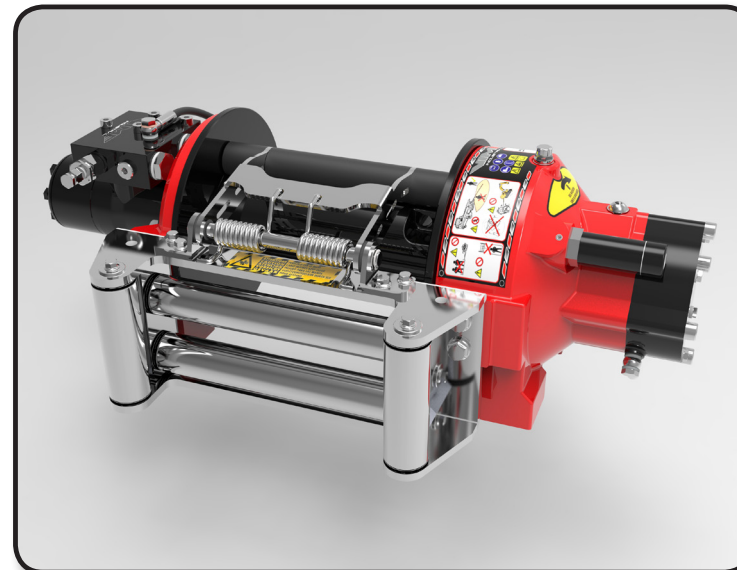
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### EPH 5200FN

PULLING CAPACITY	5.200 Kgs	[11.464 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	11 mm	[-]
ROPE CAPACITY (SAE J706)	45 Mt	[147,6 Ft]
ROPE CAPACITY (EN 14492-1)	54 Mt	[177,2 Ft]
LINE SPEED (first layer)	8,6 Mt/Min	[28,2 Ft/Min]
LINE SPEED (top layer)	15,4 Mt/Min	[50,5 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



## FEATURES

- ☐ **COMPACT**  
Hardened steel single stage planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **LIGHT AND STRONG**  
Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Standard 252 mm (9.9 inch) EPH 5200FN - EPH 6000FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

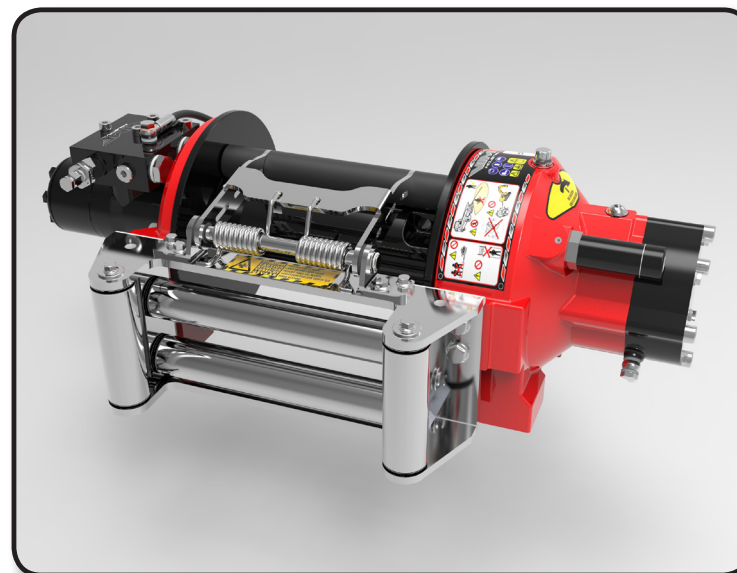
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPH 6000FN

RATED LINE PULL	6.000 Kgs	[13.228 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	31 Mt	[101,7 Ft]
ROPE CAPACITY	39 Mt	[128,0 Ft]
LINE SPEED (first layer)	8,6 Mt/Min	[28,2 Ft/Min]
LINE SPEED (top layer)	15,4 Mt/Min	[50,5 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



### WARNING

Do not use winch to lift support or transport personnel.



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### EPH 5200

PULLING CAPACITY	5.200 Kgs	[11.464 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	11 mm	[-]
ROPE CAPACITY (SAE J706)	45 Mt	[147,6 Ft]
ROPE CAPACITY	54 Mt	[177,2 Ft]
LINE SPEED (first layer)	8,6 Mt/Min	[28,2 Ft/Min]
LINE SPEED (top layer)	15,4 Mt/Min	[50,5 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel single stage planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **LIGHT AND STRONG**  
Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished
- ☐ **AUTOMATIC BRAKE**  
Gives a reliable and effective brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Standard 252 mm (9.9 inch) EPH 5200 - EPH 6000
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

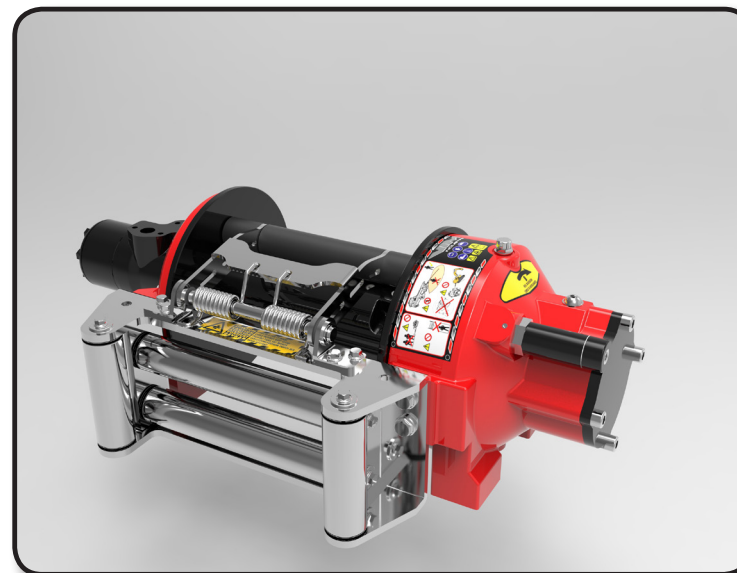
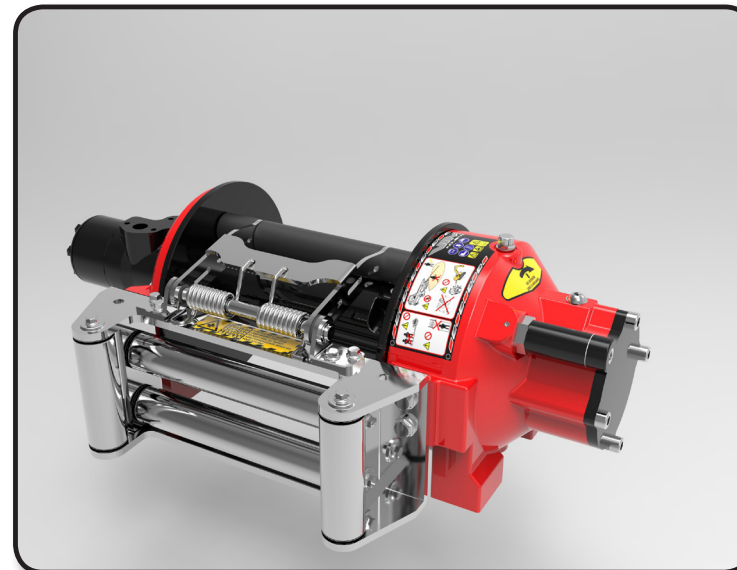
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling
- ☐ Over-centre valve



### EPH 6000

RATED LINE PULL	6.000 Kgs	[13.228 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	31 Mt	[101,7 Ft]
ROPE CAPACITY	39 Mt	[128,0 Ft]
LINE SPEED (first layer)	8,6 Mt/Min	[28,2 Ft/Min]
LINE SPEED (top layer)	15,4 Mt/Min	[50,5 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



### WARNING

Do not use winch to lift support or transport personnel.

## EPH FN PLANETARY WINCHES

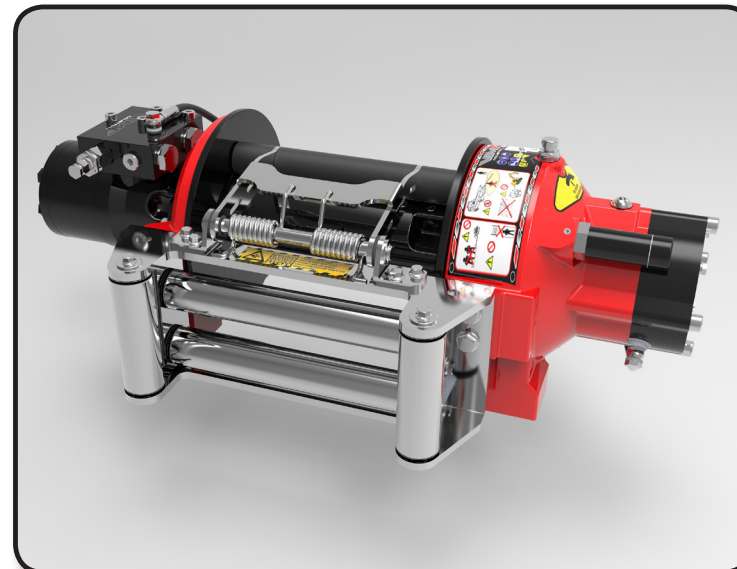
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### EPH 6800FN

PULLING CAPACITY	6.800 Kgs	[14.991 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	12 / 13 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	31 / 30 Mt	[101,7 / 98,4 Ft]
ROPE CAPACITY	37 / 35 Mt	[121,4 / 114,8 Ft]
LINE SPEED (first layer)	8,8 Mt/Min	[28,9 Ft/Min]
LINE SPEED (top layer)	16,8 Mt/Min	[55,1 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



## FEATURES

- ☐ **COMPACT**  
Hardened steel single stage planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **LIGHT AND STRONG**  
Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Standard 252 mm (9.9 inch) EPH 6800FN - EPH 7200FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

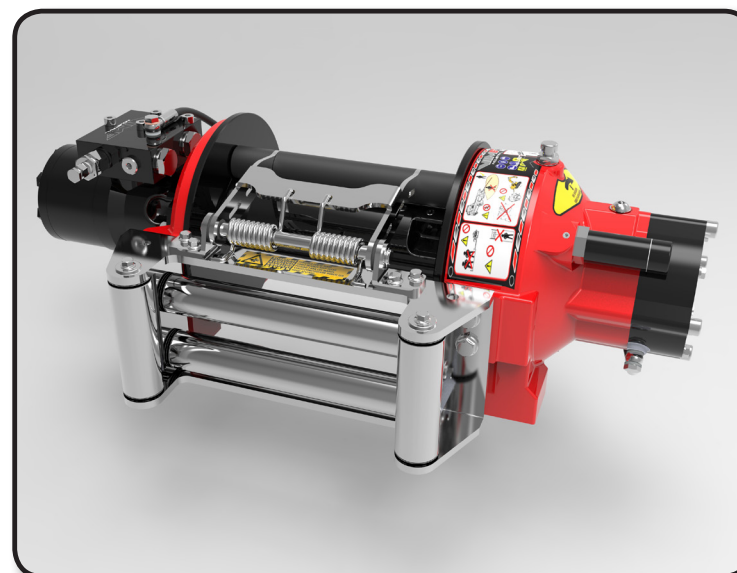
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPH 7200FN

RATED LINE PULL	7.200 Kgs	[15.873 Lbs]
WORKING PRESSURE	165 Bar	[2,393 Psi]
WIRE ROPE DIA.	13 mm	[-]
ROPE CAPACITY (SAE J706)	30 Mt	[98,4 Ft]
ROPE CAPACITY	35 Mt	[114,8 Ft]
LINE SPEED (first layer)	8,8 Mt/Min	[28,9 Ft/Min]
LINE SPEED (top layer)	16,8 Mt/Min	[55,1 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



### WARNING

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### EPHL 10000FN

PULLING CAPACITY	10.000 Kgs	[22.046 Lbs]
WORKING PRESSURE	200 Bar	[2,901 Psi]
WIRE ROPE DIA.	15 / 16 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	74 / 52 Mt	[242,8 / 170,6 Ft]
ROPE CAPACITY (EN 14492-1)	80 / 60 Mt	[262,5 / 196,9 Ft]
LINE SPEED (first layer)	11,1 Mt/Min	[36,4 Ft/Min]
LINE SPEED (top layer)	19,2 Mt/Min	[63,0 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel two stages planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **STRONG**  
Body manufactured from hardened iron casting for greater strength
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Long: 373 mm (14.7 inch) EPHL 10000FN  
Short : 255 mm (10.0 inch) EPHC 10000FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

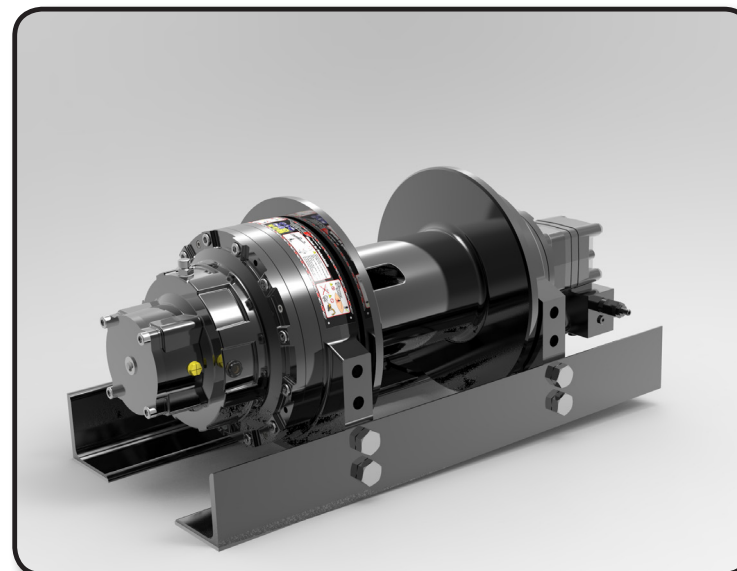
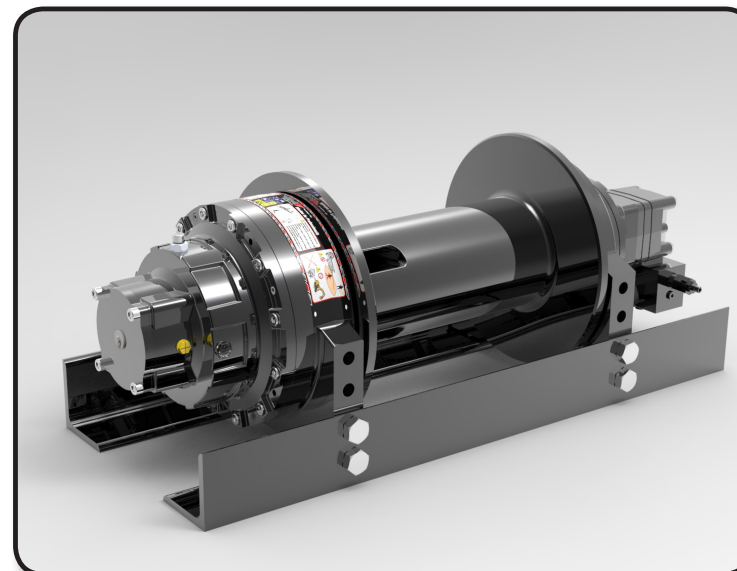
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPHC 10000FN

RATED LINE PULL	10.000 Kgs	[22.046 Lbs]
WORKING PRESSURE	200 Bar	[2,901 Psi]
WIRE ROPE DIA.	15 / 16 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	50 / 36 Mt	[164,0 / 118,1 Ft]
ROPE CAPACITY (EN 14492-1)	50 / 40 Mt	[164,0 / 131,2 Ft]
LINE SPEED (first layer)	11,1 Mt/Min	[36,4 Ft/Min]
LINE SPEED (top layer)	19,2 Mt/Min	[63,0 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]



### WARNING

Do not use winch to lift support or transport personnel.



## EPH FN PLANETARY WINCHES

Model EPH FN are hydraulic planetary winches, designed for long life, offer safe duty.

These winches are built according with higher safety standards and meet SAE J706. The high efficiency planetary gear train, assures fast payout and rewind winching operation. The innovative brake system makes these winches reliable and great for industrial applications.



### EPHL 12500FN

PULLING CAPACITY	12.500 Kgs	[27.558 Lbs]
WORKING PRESSURE	200 Bar	[2,901 Psi]
WIRE ROPE DIA.	15 / 18 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	74 / 48 Mt	[242,8 / 157,5 Ft]
ROPE CAPACITY (EN 14492-1)	80 / 55 Mt	[262,5 / 180,4 Ft]
LINE SPEED (first layer)	9,2 Mt/Min	[30,2 Ft/Min]
LINE SPEED (top layer)	16,3 Mt/Min	[53,5 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel two stages planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **STRONG**  
Body manufactured from hardened iron casting for greater strength
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Long: 373 mm (14.7 inch) EPHL 12500FN  
Short : 255 mm (10.0 inch) EPHC 12500FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

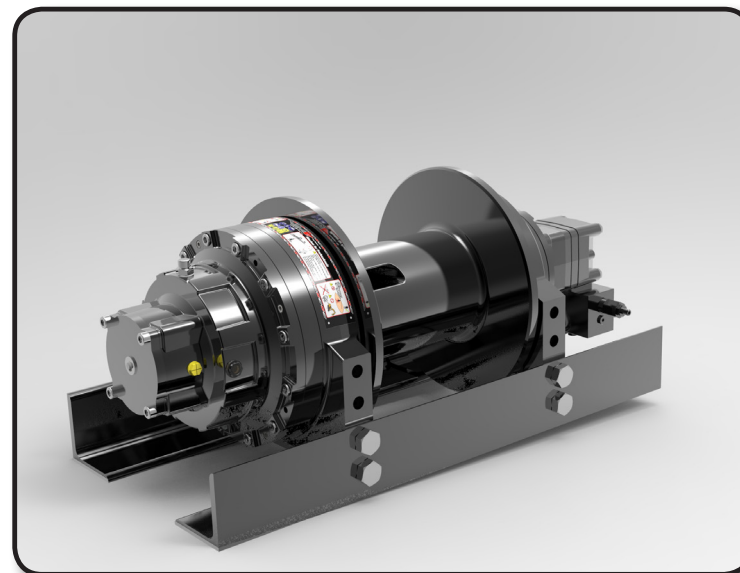
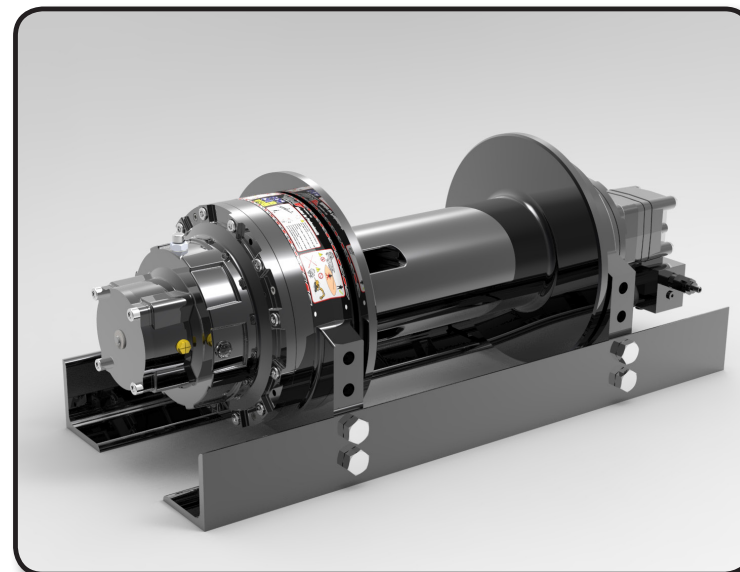
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPHC 12500FN

RATED LINE PULL	12.500 Kgs	[27.558 Lbs]
WORKING PRESSURE	200 Bar	[2,901 Psi]
WIRE ROPE DIA.	15 / 18 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	50 / 33 Mt	[164,0 / 108,3 Ft]
ROPE CAPACITY (EN 14492-1)	50 / 30 Mt	[164,0 / 98,4 Ft]
LINE SPEED (first layer)	9,2 Mt/Min	[30,2 Ft/Min]
LINE SPEED (top layer)	16,3 Mt/Min	[53,5 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]



### WARNING

Do not use winch to lift support or transport personnel.

## EPH FN PLANETARY WINCHES

Model EPH FN are hydraulic planetary winches, designed for long life, offer safe duty.

These winches are built according with higher safety standards and meet SAE J706. The high efficiency planetary gear train, assures fast payout and rewind winching operation. The innovative brake system makes these winches reliable and great for industrial applications.



### EPHL 15000FN

PULLING CAPACITY	15.000 Kgs	[33.069 Lbs]
WORKING PRESSURE	200 Bar	[2,901 Psi]
WIRE ROPE DIA.	18 mm	[-]
ROPE CAPACITY (SAE J706)	48 Mt	[157,5 Ft]
ROPE CAPACITY (EN 14492-1)	55 Mt	[180,4 Ft]
LINE SPEED (first layer)	7 Mt/Min	[23,0 Ft/Min]
LINE SPEED (top layer)	12,3 Mt/Min	[40,4 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel two stages planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **STRONG**  
Body manufactured from hardened iron casting for greater strength
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Long: 373 mm (14.7 inch) EPHL 15000FN  
Short : 255 mm (10.0 inch) EPHC 15000FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

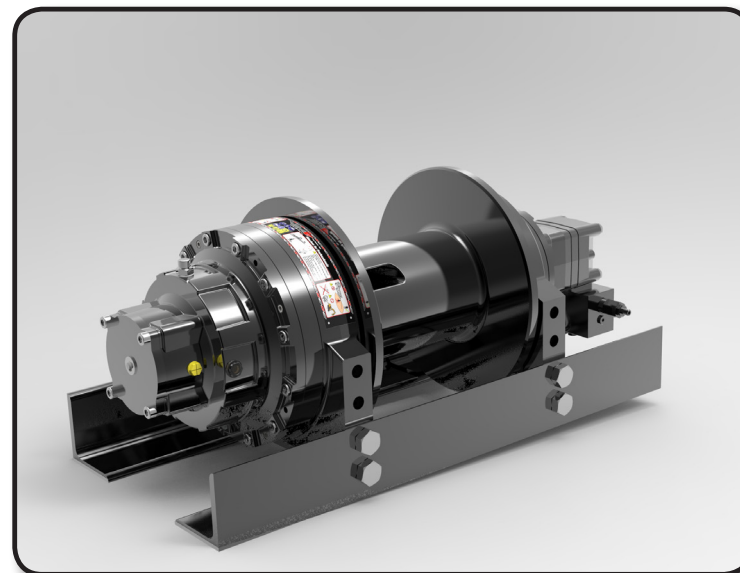
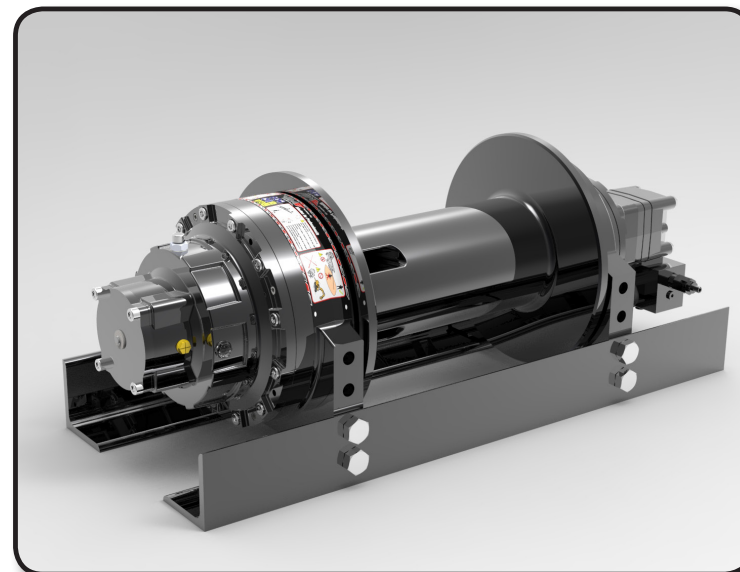
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPHC 15000FN

RATED LINE PULL	15.000 Kgs	[33.069 Lbs]
WORKING PRESSURE	200 Bar	[2,901 Psi]
WIRE ROPE DIA.	18 mm	[-]
ROPE CAPACITY (SAE J706)	33 Mt	[108,3 Ft]
ROPE CAPACITY (EN 14492-1)	30 Mt	[98,4 Ft]
LINE SPEED (first layer)	7 Mt/Min	[23,0 Ft/Min]
LINE SPEED (top layer)	12,3 Mt/Min	[40,4 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]



### WARNING

Do not use winch to lift support or transport personnel.

## EPH FN PLANETARY WINCHES

Model EPH FN are hydraulic planetary winches, designed for long life, offer safe duty.

These winches are built according with higher safety standards and meet SAE J706. The high efficiency planetary gear train, assures fast payout and rewind winching operation. The innovative brake system makes these winches reliable and great for industrial applications.



### EPHL 18000FN

PULLING CAPACITY	18.000 Kgs	[39.683 Lbs]
WORKING PRESSURE	190 Bar	[2,756 Psi]
WIRE ROPE DIA.	18 / 19 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	48 / 46 Mt	[157,5 / 151,0 Ft]
ROPE CAPACITY	55 / 55 Mt	[180,4 / 180,4 Ft]
LINE SPEED (first layer)	5,6 Mt/Min	[18,4 Ft/Min]
LINE SPEED (top layer)	10,5 Mt/Min	[34,4 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel two stages planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **STRONG**  
Body manufactured from hardened iron casting for greater strength
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Long: 373 mm (14.7 inch) EPHL 18000FN  
Short : 255 mm (10.0 inch) EPHC 18000FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

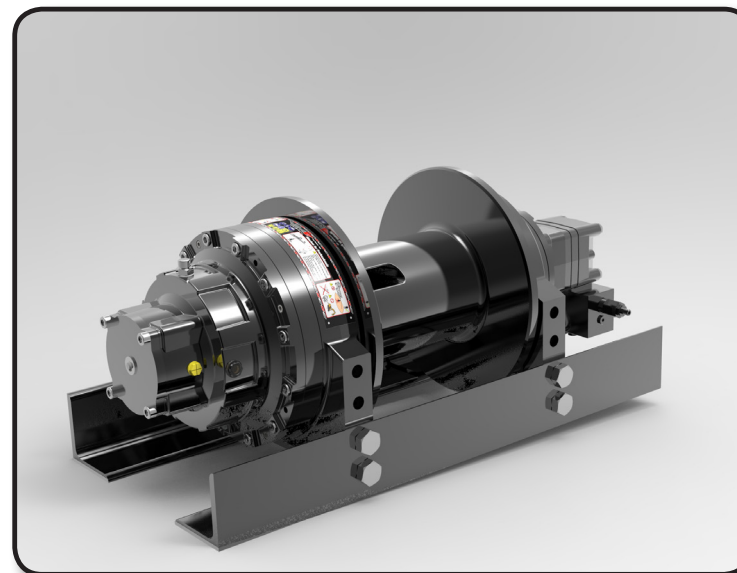
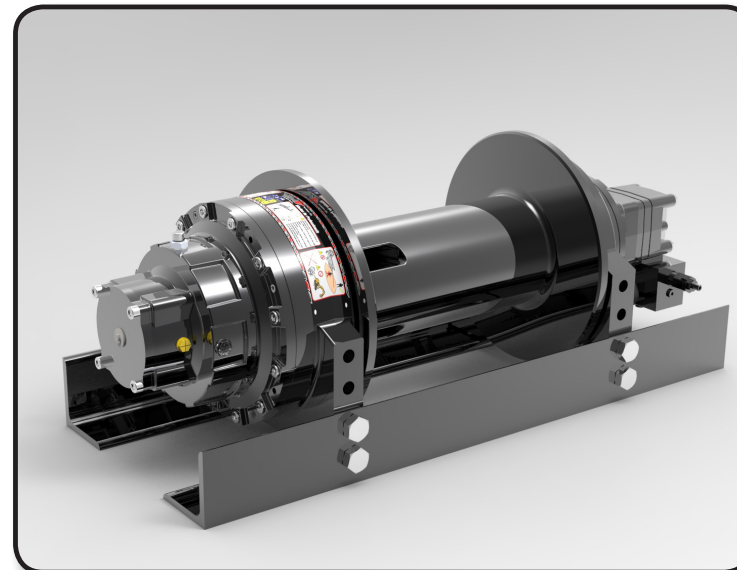
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPHC 18000FN

RATED LINE PULL	18.000 Kgs	[39.683 Lbs]
WORKING PRESSURE	190 Bar	[2,756 Psi]
WIRE ROPE DIA.	18 / 19 mm	[-]
ROPE CAPACITY (SAE J706)	33 / 32 Mt	[108,3/105,0 Ft]
ROPE CAPACITY	30 / 30 Mt	[98,4 / 98,4 Ft]
LINE SPEED (first layer)	5,6 Mt/Min	[18,4 Ft/Min]
LINE SPEED (top layer)	10,5 Mt/Min	[34,4 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]



### WARNING

Do not use winch to lift support or transport personnel.



## EPH FN PLANETARY WINCHES

Model EPH FN are hydraulic planetary winches, designed for long life, offer safe duty.

These winches are built according with higher safety standards and meet SAE J706. The high efficiency planetary gear train, assures fast payout and rewind winching operation. The innovative brake system makes these winches reliable and great for industrial applications.



### EPHL 20000FN

PULLING CAPACITY	20.000 Kgs	[44.092 Lbs]
WORKING PRESSURE	210 Bar	[3,046 Psi]
WIRE ROPE DIA.	22 mm	[-]
ROPE CAPACITY (SAE J706)	52 Mt	[170,6 Ft]
ROPE CAPACITY (EN 14492-1)	60 Mt	[196,9 Ft]
LINE SPEED (first layer)	5,1 Mt/Min	[16,7 Ft/Min]
LINE SPEED (top layer)	9,2 Mt/Min	[30,2 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel three stages planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **STRONG**  
Body manufactured from hardened iron casting for greater strength
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Long 405 mm (15.9 inch) EPHL 20000FN-EPH22500FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

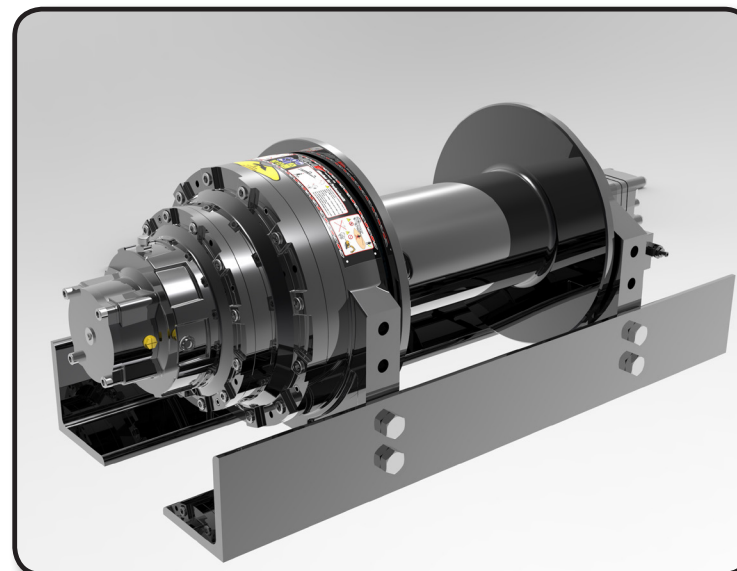
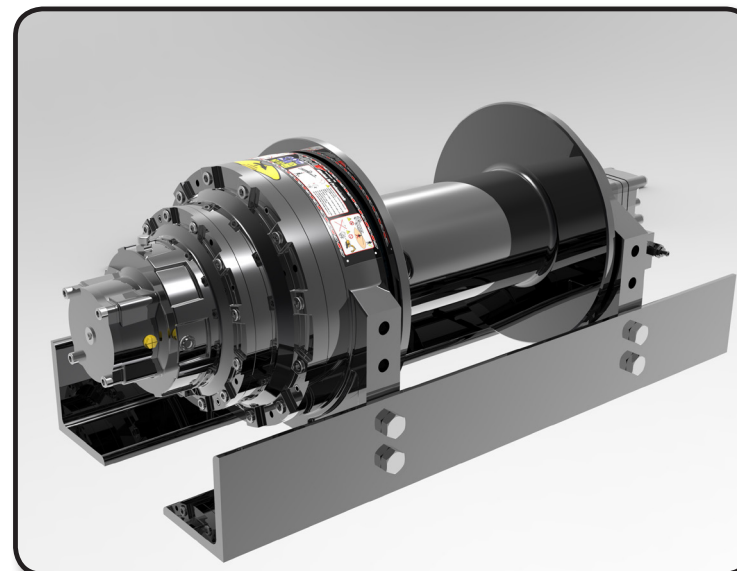
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### EPHL 22500FN

RATED LINE PULL	22.500 Kgs	[49.604 Lbs]
WORKING PRESSURE	195 Bar	[2,828 Psi]
WIRE ROPE DIA.	22 mm	[-]
ROPE CAPACITY (SAE J706)	52 Mt	[170,6 Ft]
ROPE CAPACITY (EN 14492-1)	60 Mt	[196,9 Ft]
LINE SPEED (first layer)	4,1 Mt/Min	[13,5 Ft/Min]
LINE SPEED (top layer)	7,3 Mt/Min	[24,0 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]



### WARNING

Do not use winch to lift support or transport personnel.

## EPH FN PLANETARY WINCHES

Model EPH FN are hydraulic planetary winches, designed for long life, offer safe duty.

These winches are built according with higher safety standards and meet SAE J706. The high efficiency planetary gear train, assures fast payout and rewind winching operation. The innovative brake system makes these winches reliable and great for industrial applications.



## EPHL 25000FN

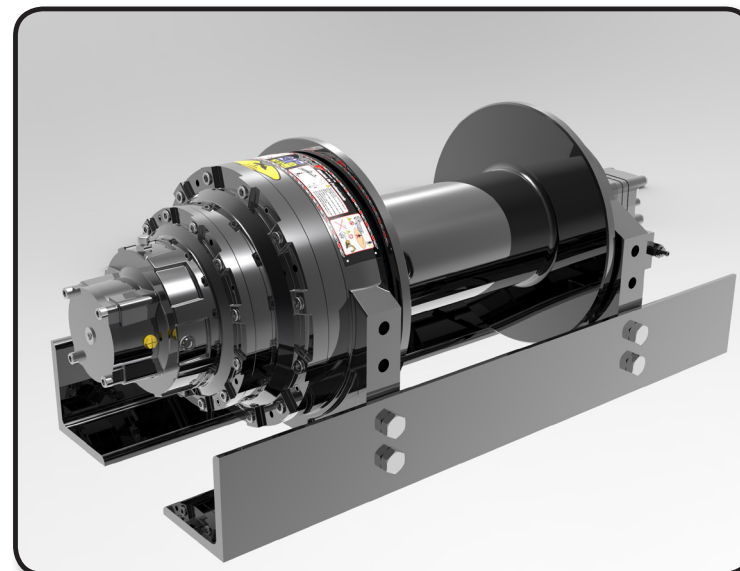
PULLING CAPACITY	25.000 Kgs	[55.116 Lbs]
WORKING PRESSURE	210 Bar	[3,046 Psi]
WIRE ROPE DIA.	22 mm	[-]
ROPE CAPACITY (SAE J706)	52 Mt	[170,6 Ft]
ROPE CAPACITY (EN 14492-1)	60 Mt	[196,9 Ft]
LINE SPEED (first layer)	4,1 Mt/Min	[13,5 Ft/Min]
LINE SPEED (top layer)	7,3 Mt/Min	[24,0 Ft/Min]
MAX. OIL SUPPLY	75 Lt/Min	[19,81 GPM]

## FEATURES

- ☐ **COMPACT**  
Hardened steel three stages planetary gear train
- ☐ **FAST WINCHING SPEED**  
Fast payout and rewind
- ☐ **VERSATILE MOUNTING**  
Designed for either foot or side mounting
- ☐ **STRONG**  
Body manufactured from hardened iron casting for greater strength
- ☐ **MULTI-DISC PRESSURE RELEASED BRAKE**  
Gives a reliable and effective full brake capacity
- ☐ **DRUM SIZE AVAILABLE**  
Long 405 mm (15.9 inch) EPHL 25000FN
- ☐ **TOTALLY OIL COOLED**  
Gears and brake are bathed in oil for maximum performance, quiet operation and to extend internal component life span

## ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



## WARNING

Do not use winch to lift support or transport personnel.

## JH WORM GEAR WINCHES

Model JH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.



### JHC 3600

PULLING CAPACITY	3.600 Kgs	[8.000 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	10 mm	[- -]
ROPE CAPACITY (SAE J706)	21 Mt	[68,9 Ft]
ROPE CAPACITY (EN 14492-1)	24 Mt	[78,7 Ft]
LINE SPEED (first layer)	3,8 Mt/Min	[12,5 Ft/Min]
LINE SPEED (top layer)	6,9 Mt/Min	[22,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ LOW MOUNTING

Its particular design, makes it proper for front end or rear vehicles mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Short: 162 mm (6.4 inch) for JHC 3600 - JHC 2700

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

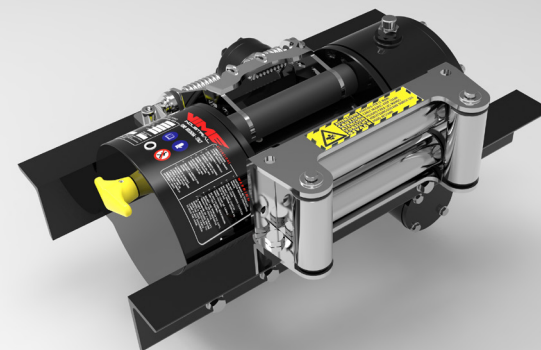
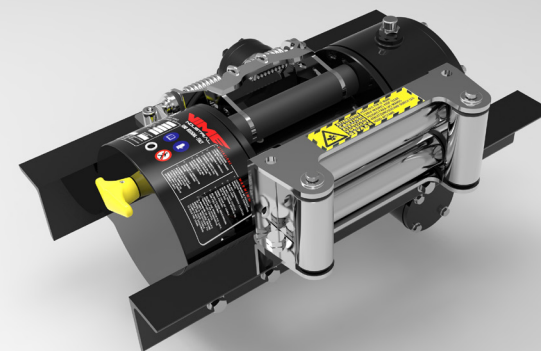
### ACCESSORIES :

- ❑ Zinc plated Standard or Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner
- ❑ Air clutch shifter - drum free spooling



### JHC 2700

RATED LINE PULL	2.700 Kgs	[5.952 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 / 10 mm	[- -] / [- -]
ROPE CAPACITY (SAE J706)	33 / 21 Mt	[108,3 / 68,9 Ft]
ROPE CAPACITY (EN 14492-1)	39 / 24 Mt	[128,0 / 78,7 Ft]
LINE SPEED (first layer)	5,0 Mt/Min	[16,4 Ft/Min]
LINE SPEED (top layer)	9,0 Mt/Min	[29,5 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.



## JH WORM GEAR WINCHES

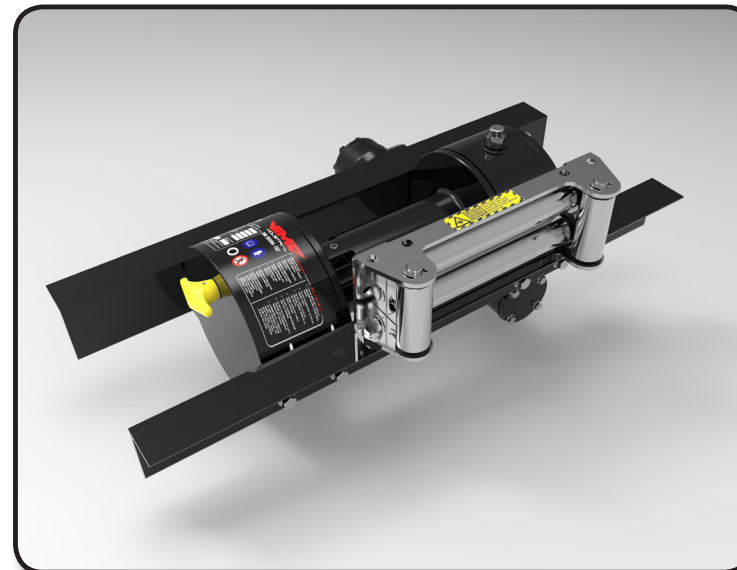
Model JH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.



### JHM 3600

PULLING CAPACITY	3.600 Kgs	[8.000 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	10 mm	[- -]
ROPE CAPACITY (SAE J706)	27 Mt	[88,6 Ft]
MAX. ROPE CAPACITY	32 Mt	[105,0 Ft]
LINE SPEED (first layer)	3,8 Mt/Min	[12,5 Ft/Min]
LINE SPEED (top layer)	6,9 Mt/Min	[22,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ LOW MOUNTING

Its particular design, makes it proper for front end or rear vehicles mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Medium: 211 mm (8.3 inch) for JHM 3600 - JHM 2700

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

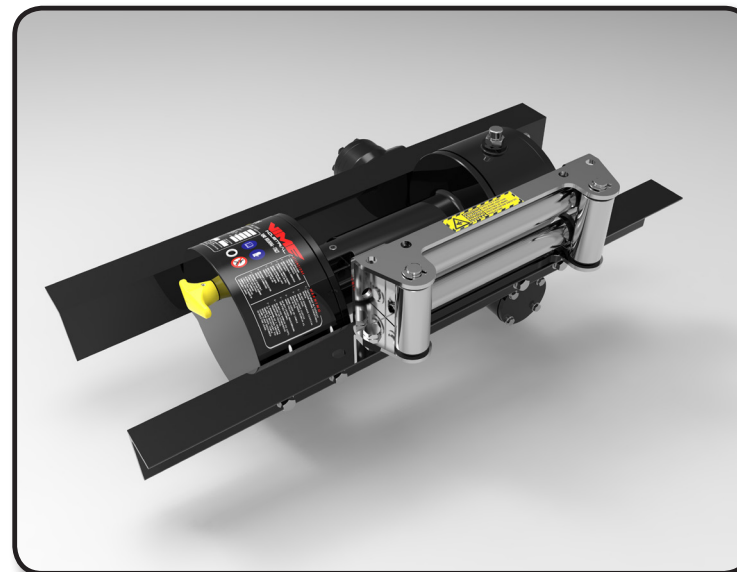
### ACCESSORIES :

- ❑ Zinc plated Standard or Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner
- ❑ Air clutch shifter - drum free spooling



### JHM 2700

RATED LINE PULL	2.700 Kgs	[5.952 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 / 10 mm	[- -] / [- -]
ROPE CAPACITY (SAE J706)	42 / 27 Mt	[138,0 / 88,6 Ft]
ROPE CAPACITY (EN 14492-1)	51 / 32 Mt	[167,3 / 105,0 Ft]
LINE SPEED (first layer)	5,0 Mt/Min	[16,4 Ft/Min]
LINE SPEED (top layer)	9,0 Mt/Min	[29,5 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## JH WORM GEAR WINCHES

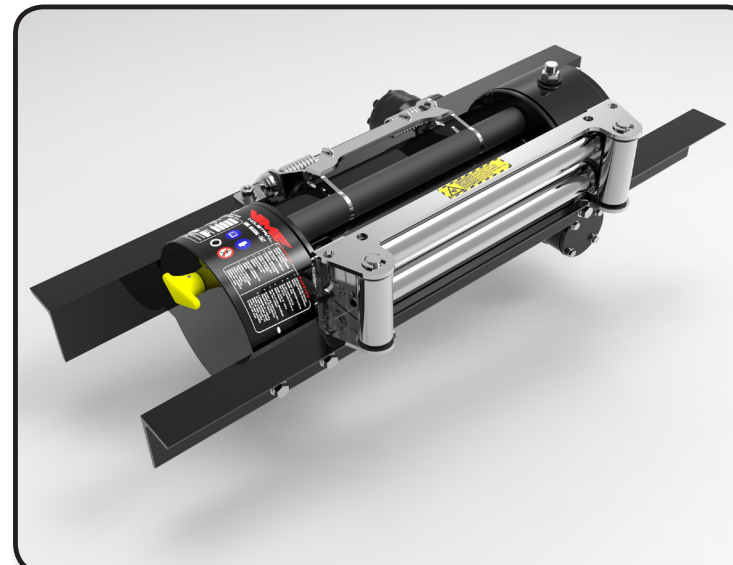
Model JH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.



### JHL 3600

PULLING CAPACITY	3.600 Kgs	[8.000 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	10 mm	[-]
ROPE CAPACITY (SAE J706)	45 Mt	[148,0 Ft]
ROPE CAPACITY (EN 14492-1)	55 Mt	[180,4 Ft]
LINE SPEED (first layer)	3,8 Mt/Min	[12,5 Ft/Min]
LINE SPEED (top layer)	6,9 Mt/Min	[22,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## FEATURES

### TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### LOW MOUNTING

Its particular design, makes it proper for front end or rear vehicles mounting

### LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### BRAKE

Worm gear provides load reversing protection

### DRUM SIZE AVAILABLE

Long: 350 mm (13.8 inch) for JHL 3600 - JHL 2700

### TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

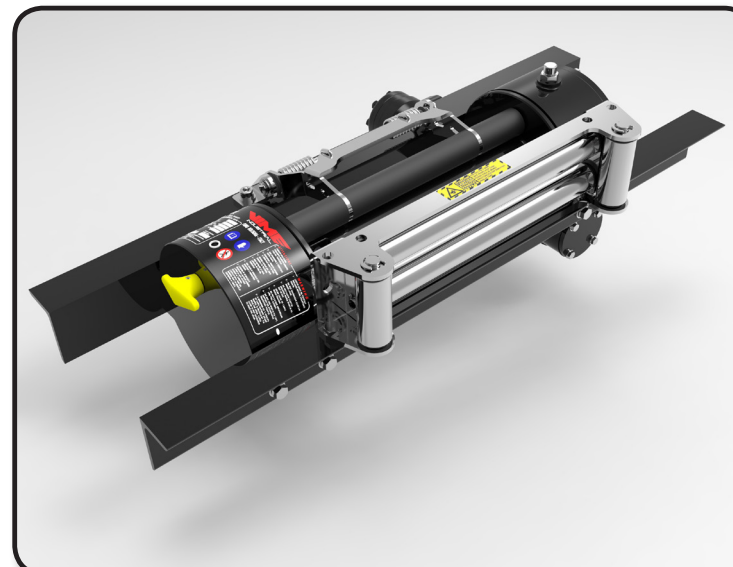
### ACCESSORIES :

- ☐ Zinc plated Standard or Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### JHL 2700

RATED LINE PULL	2.700 Kgs	[5.952 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 / 10 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	71 / 45 Mt	[233,0 / 147,6 Ft]
ROPE CAPACITY (EN 14492-1)	87 / 55 Mt	[285,4 / 180,4 Ft]
LINE SPEED (first layer)	5,0 Mt/Min	[16,4 Ft/Min]
LINE SPEED (top layer)	9,0 Mt/Min	[29,5 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## ZH WORM GEAR WINCHES

Model ZH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.



### ZHC 3000

PULLING CAPACITY	3.000 Kgs	[6.614 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	9 mm	[- -]
ROPE CAPACITY (SAE J706)	14 Mt	[45,9 Ft]
ROPE CAPACITY (EN 14492-1)	17 Mt	[55,8 Ft]
LINE SPEED (first layer)	4,2 Mt/Min	[13,8 Ft/Min]
LINE SPEED (top layer)	7,5 Mt/Min	[24,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ VERSATILE MOUNTING

Designed for either foot or side mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Short: 160 mm (6.3 inch) for ZHC 3000 - ZHC 2200

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

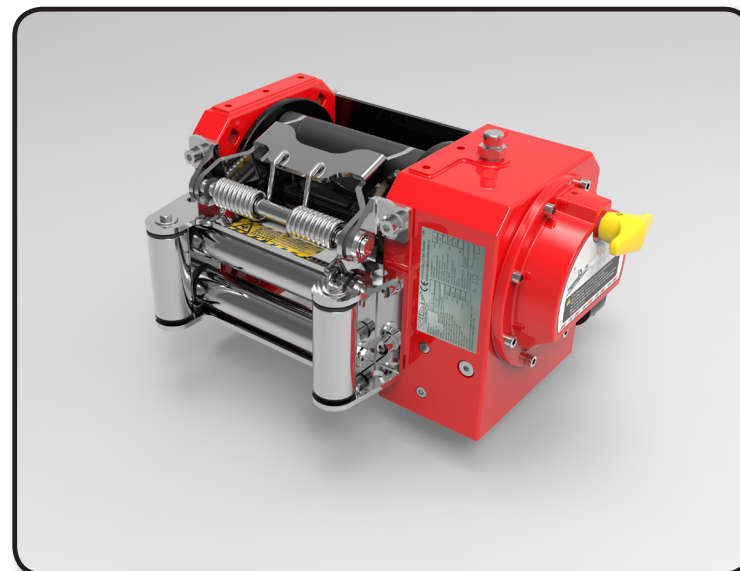
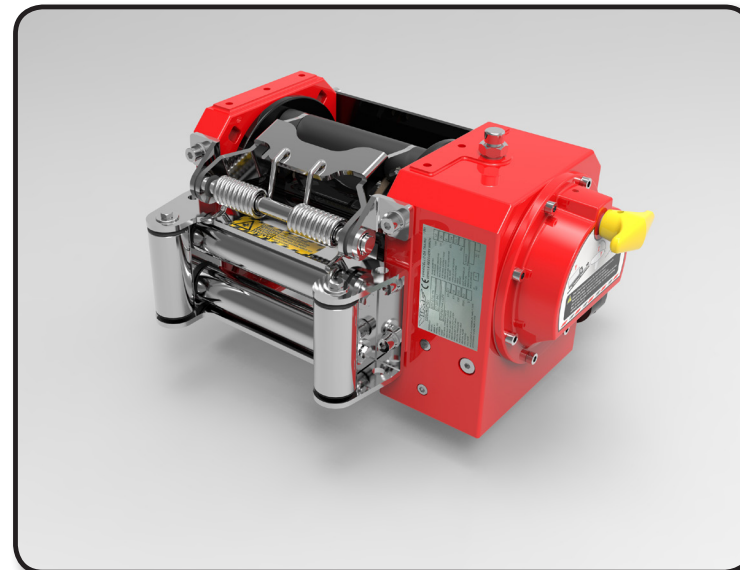
### ACCESSORIES :

- ❑ Zinc plated Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner



### ZHC 2200

RATED LINE PULL	2.200 Kgs	[4.850 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 mm	[- -]
ROPE CAPACITY (SAE J706)	22 Mt	[72,2 Ft]
ROPE CAPACITY (EN 14492-1)	19 Mt	[62,3 Ft]
LINE SPEED (first layer)	5,5 Mt/Min	[18,0 Ft/Min]
LINE SPEED (top layer)	9,4 Mt/Min	[30,8 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.



## ZH WORM GEAR WINCHES

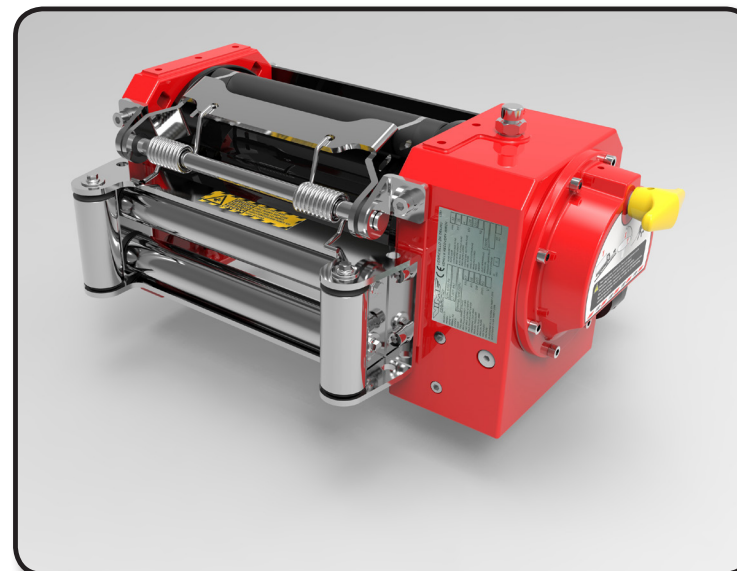
Model ZH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.



### ZHL 3000

PULLING CAPACITY	3.000 Kgs	[6.614 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	9 mm	[- -]
ROPE CAPACITY (SAE J706)	22 Mt	[72,2 Ft]
ROPE CAPACITY (EN 14492-1)	26 Mt	[85,3 Ft]
LINE SPEED (first layer)	4,2 Mt/Min	[13,8 Ft/Min]
LINE SPEED (top layer)	7,5 Mt/Min	[24,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ VERSATILE MOUNTING

Designed for either foot or side mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Long: 240 mm (9.4 inch) for ZHL 3000 - ZHL 2200

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

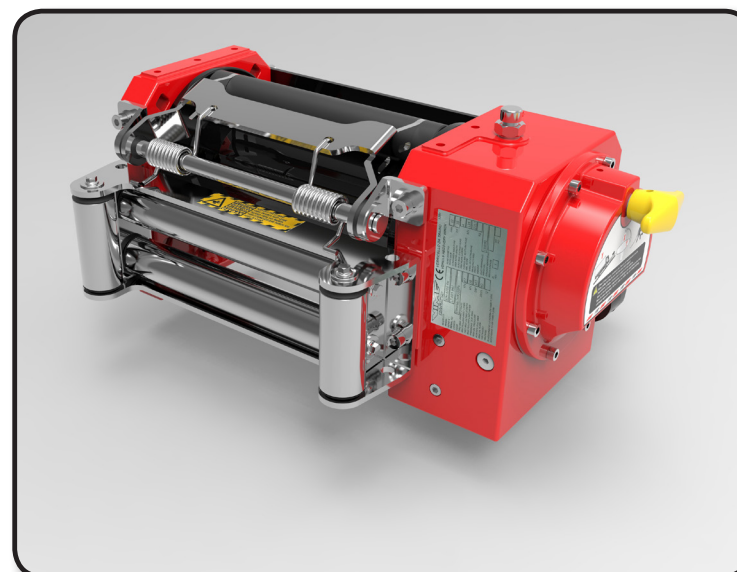
### ACCESSORIES :

- ❑ Zinc plated Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner



### ZHL 2200

RATED LINE PULL	2.200 Kgs	[4.850 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 mm	[- -]
ROPE CAPACITY (SAE J706)	34 Mt	[111,5 Ft]
ROPE CAPACITY (EN 14492-1)	29 Mt	[95,1 Ft]
LINE SPEED (first layer)	5,5 Mt/Min	[18,0 Ft/Min]
LINE SPEED (top layer)	9,4 Mt/Min	[30,8 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## ZH WORM GEAR WINCHES

Model ZH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ VERSATILE MOUNTING

Designed for either foot or side mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Short: 160 mm (6.3 inch) for ZHC 3000 - ZHC 2200

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

### ACCESSORIES :

- ❑ Zinc plated Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner



## ZHC 3000

### UPRIGHT MOUNTING

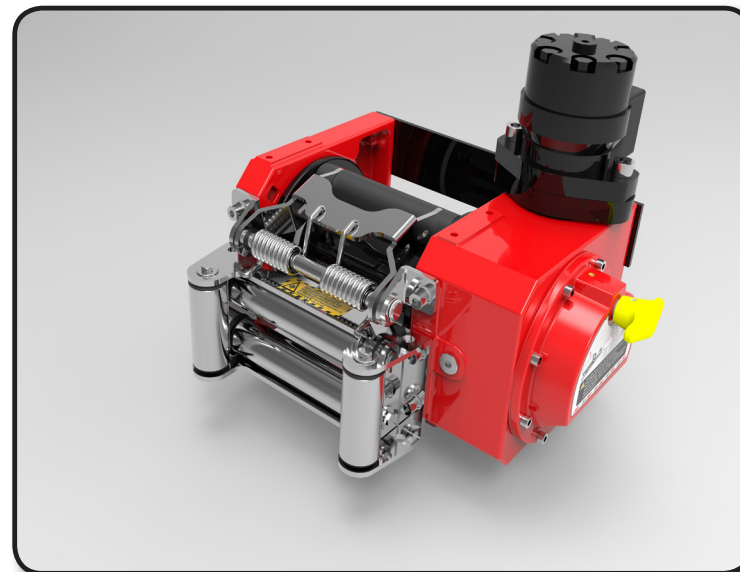
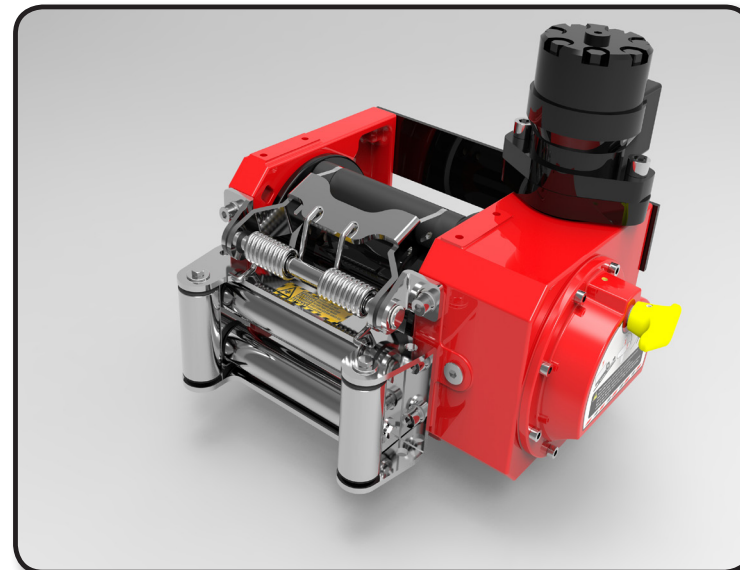
PULLING CAPACITY	3.000 Kgs	[6.614 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	9 mm	[-]
ROPE CAPACITY (SAE J706)	14 Mt	[45,9 Ft]
ROPE CAPACITY (EN 14492-1)	17 Mt	[55,8 Ft]
LINE SPEED (first layer)	4,2 Mt/Min	[13,8 Ft/Min]
LINE SPEED (top layer)	7,5 Mt/Min	[24,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## ZHC 2200

### UPRIGHT MOUNTING

RATED LINE PULL	2.200 Kgs	[4.850 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 mm	[-]
ROPE CAPACITY (SAE J706)	22 Mt	[72,2 Ft]
ROPE CAPACITY (EN 14492-1)	19 Mt	[62,3 Ft]
LINE SPEED (first layer)	5,5 Mt/Min	[18,0 Ft/Min]
LINE SPEED (top layer)	9,4 Mt/Min	[30,8 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## ZH WORM GEAR WINCHES

Model ZH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.



### ZHL 3000

#### UPRIGHT MOUNTING

PULLING CAPACITY	3.000 Kgs	[6.614 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	9 mm	[- -]
ROPE CAPACITY (SAE J706)	22 Mt	[72,2 Ft]
ROPE CAPACITY (EN 14492-1)	26 Mt	[85,3 Ft]
LINE SPEED (first layer)	4,2 Mt/Min	[13,8 Ft/Min]
LINE SPEED (top layer)	7,5 Mt/Min	[24,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ VERSATILE MOUNTING

Designed for either foot or side mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Long: 240 mm (9.4 inch) for ZHL 3000 - ZHL 2200

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

### ACCESSORIES :

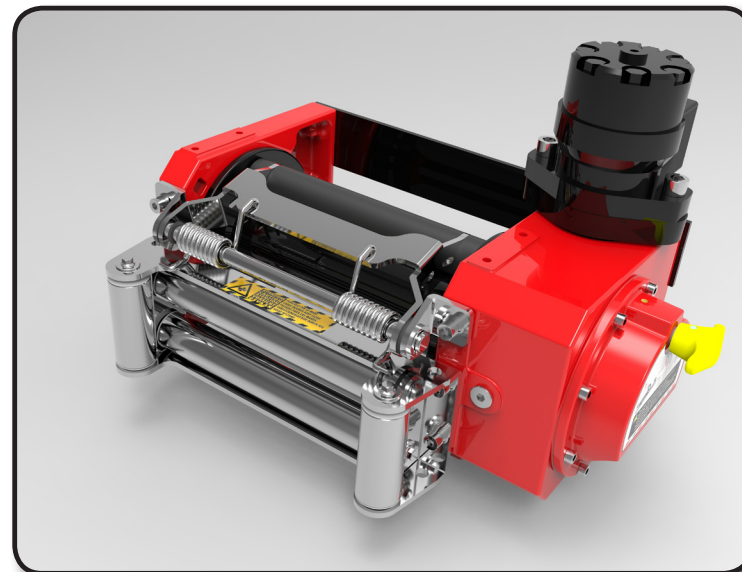
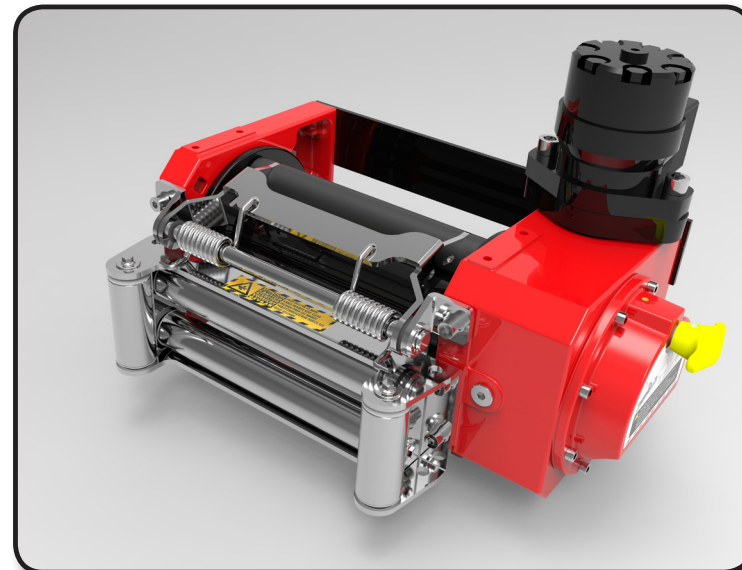
- ❑ Zinc plated Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner



### ZHL 2200

#### UPRIGHT MOUNTING

RATED LINE PULL	2.200 Kgs	[4.850 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 mm	[- -]
ROPE CAPACITY (SAE J706)	34 Mt	[111,5 Ft]
ROPE CAPACITY (EN 14492-1)	29 Mt	[95,1 Ft]
LINE SPEED (first layer)	5,5 Mt/Min	[18,0 Ft/Min]
LINE SPEED (top layer)	9,4 Mt/Min	[30,8 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.



## ZH WORM GEAR WINCHES

Model ZH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection. Particularly fit for tow-trucks and for recovery of medium-light vehicles on tires.



### ZHC 1450

PULLING CAPACITY	1.450 Kgs	[3.197 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	22 Mt	[72,2 Ft]
ROPE CAPACITY (EN 14492-1)	19 Mt	[62,3 Ft]
LINE SPEED (first layer)	8,1 Mt/Min	[26,6 Ft/Min]
LINE SPEED (top layer)	13,9 Mt/Min	[45,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ VERSATILE MOUNTING

Designed for either foot or side mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Short: 160 mm (6.3 inch) for ZHC 1450

Long: 240 mm (9.4 inch) for ZHL 1450

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

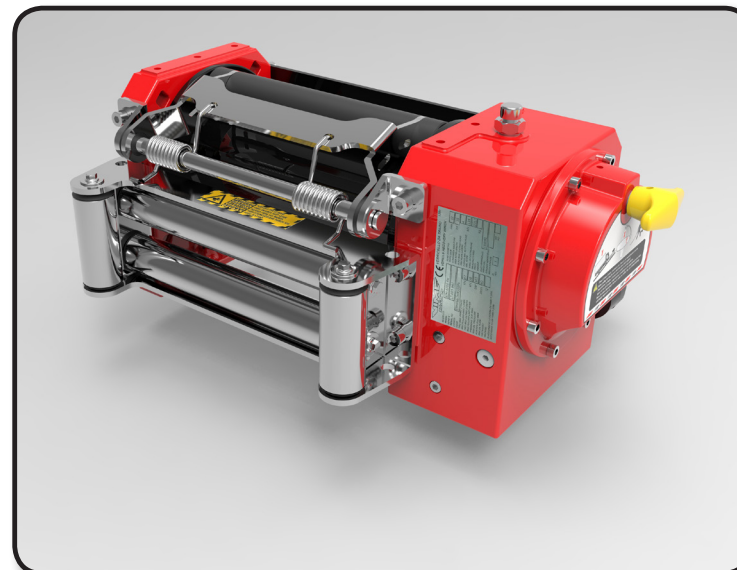
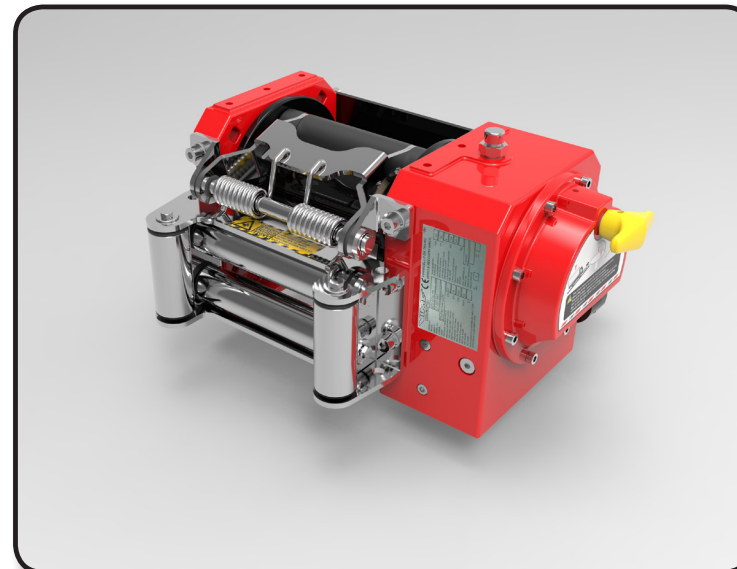
### ACCESSORIES :

- ❑ Zinc plated Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner



### ZHL 1450

RATED LINE PULL	1.450 Kgs	[3.197 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	8 mm	[-]
ROPE CAPACITY (SAE J706)	34 Mt	[111,5 Ft]
ROPE CAPACITY (EN 14492-1)	29 Mt	[95,1 Ft]
LINE SPEED (first layer)	8,1 Mt/Min	[26,6 Ft/Min]
LINE SPEED (top layer)	13,9 Mt/Min	[45,6 Ft/Min]
MAX. OIL SUPPLY	40 Lt/Min	[10,57 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## RH WORM GEAR WINCHES

Model RH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

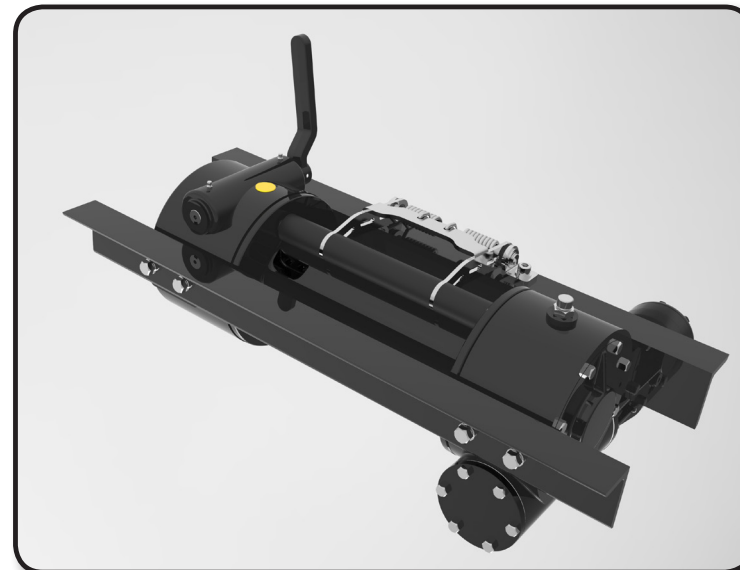
The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection.

Can be mounted on tow-trucks and for medium-heavy duty truck carrier applications.



### RNH 4500

PULLING CAPACITY	4.500 Kgs	[10.000 Lbs]
WORKING PRESSURE	140 Bar	[2,031 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	24 Mt	[78,7 Ft]
ROPE CAPACITY	30 Mt	[98,4 Ft]
LINE SPEED (first layer)	5,0 Mt/Min	[16,4 Ft/Min]
LINE SPEED (top layer)	8,4 Mt/Min	[27,6 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ LOW MOUNTING

Its particular design, makes it proper for front end or rear vehicles mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Standard: 295,5 mm (11.6 inch)

Drum flange diameter: 200 mm (7,9 inch)

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

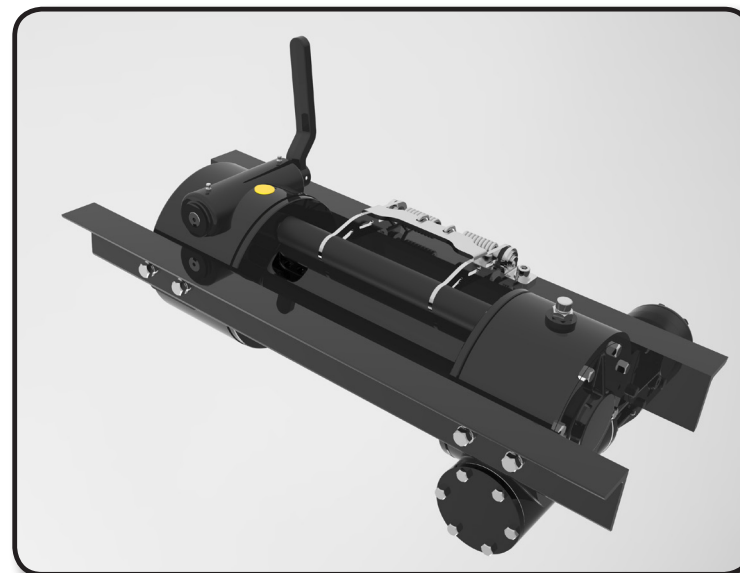
### ACCESSORIES :

- ❑ Zinc plated Standard or Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner
- ❑ Air clutch shifter - drum free spooling



### RNH 5400

RATED LINE PULL	5.400 Kgs	[11.905 Lbs]
WORKING PRESSURE	140 Bar	[2,031 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	24 Mt	[78,7 Ft]
ROPE CAPACITY	30 Mt	[98,4 Ft]
LINE SPEED (first layer)	4,0 Mt/Min	[13,1 Ft/Min]
LINE SPEED (top layer)	6,8 Mt/Min	[22,3 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## RH WORM GEAR WINCHES

Model RH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection.

Can be mounted on tow-trucks and for medium-heavy duty truck carrier applications.



### RSH 4500

PULLING CAPACITY	4.500 Kgs	[10.000 Lbs]
WORKING PRESSURE	155 Bar	[2,248 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	64 Mt	[210,0 Ft]
ROPE CAPACITY	78 Mt	[255,9 Ft]
LINE SPEED (first layer)	5,3 Mt/Min	[17,4 Ft/Min]
LINE SPEED (top layer)	9,8 Mt/Min	[32,2 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ LOW MOUNTING

Its particular design, makes it proper for front end or rear vehicles mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Length:295,5 mm (11.6 inch) RSH 4500 - RSH 5400  
Drum flange diameter:267,5 mm (10,5 inch)

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

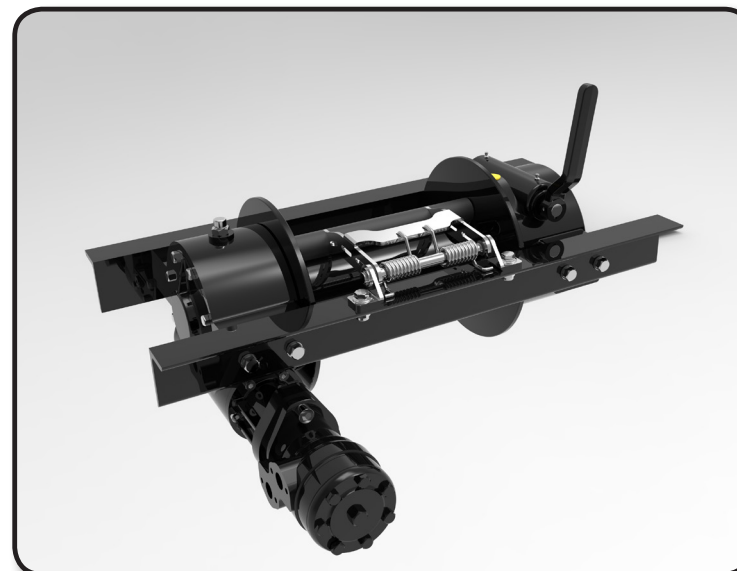
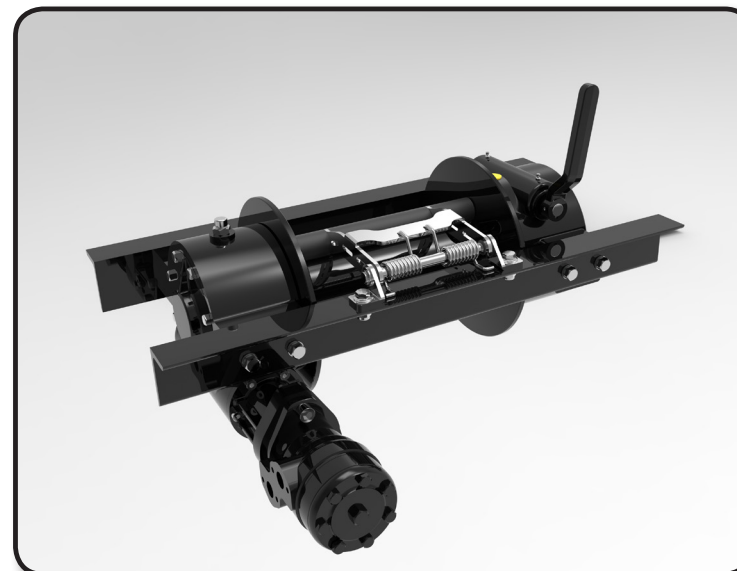
### ACCESSORIES :

- ❑ Zinc plated Standard or Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner
- ❑ Air clutch shifter - drum free spooling



### RSH 5400

RATED LINE PULL	5.400 Kgs	[11.905 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	64 Mt	[210,0 Ft]
ROPE CAPACITY	78 Mt	[255,9 Ft]
LINE SPEED (first layer)	4,3 Mt/Min	[14,1 Ft/Min]
LINE SPEED (top layer)	7,9 Mt/Min	[25,9 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



## WARNING

Do not use winch to lift support or transport personnel.



## RH WORM GEAR WINCHES

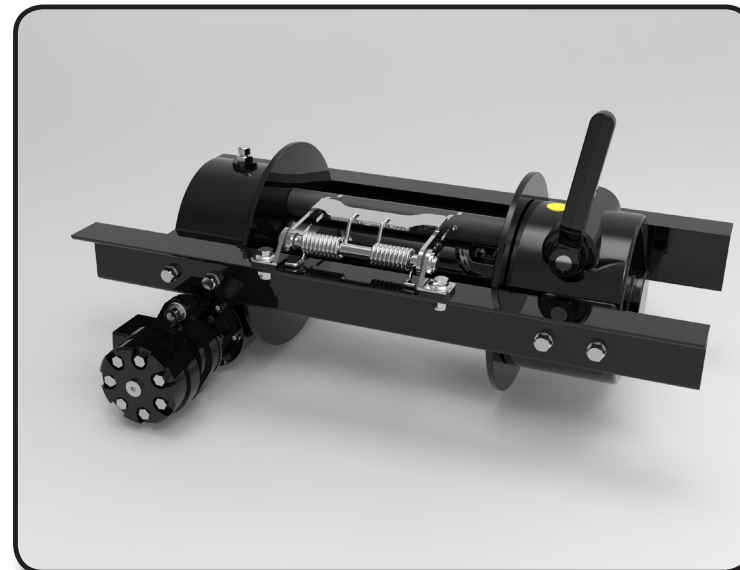
Models RH are hydraulic worm gear winches. Designed for extend life and gives best safety duty. These winches are built according with higher safety standards meet SAE J706. The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection.

Can be mounted on tow-trucks and for medium-heavy duty truck carrier applications.



### RCH 4500

PULLING CAPACITY	4.500 Kgs	[10.000 Lbs]
WORKING PRESSURE	130 Bar	[1,885 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	64 Mt	[210,0 Ft]
ROPE CAPACITY	78 Mt	[255,9 Ft]
LINE SPEED (first layer)	4,3 Mt/Min	[14,1 Ft/Min]
LINE SPEED (top layer)	7,9 Mt/Min	[25,9 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ LOW MOUNTING

Its particular design, makes it proper for front end or rear vehicles mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Length:295,5 mm (11.6 inch) for RNH - RSH - RCH  
drum flange diameter:200 mm (7,9 inch) for RNH  
drum flange diameter:267,5 mm (10,5 inch) for RSH - RCH

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

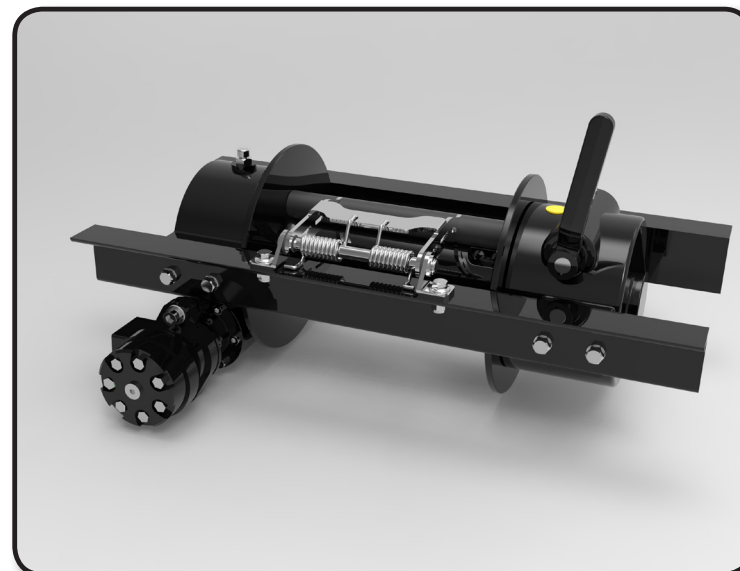
### ACCESSORIES :

- ❑ Zinc plated Standard or Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner
- ❑ Air clutch shifter - drum free spooling



### RCH 5400

RATED LINE PULL	5.400 Kgs	[11.905 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	12 mm	[-]
ROPE CAPACITY (SAE J706)	64 Mt	[210,0 Ft]
ROPE CAPACITY	78 Mt	[255,9 Ft]
LINE SPEED (first layer)	4,3 Mt/Min	[14,1 Ft/Min]
LINE SPEED (top layer)	7,9 Mt/Min	[25,9 Ft/Min]
MAX. OIL SUPPLY	60 Lt/Min	[15,85 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## MH WORM GEAR WINCHES

Model MH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection.

Can be mounted on tow-trucks and for medium-heavy duty truck carrier applications.



## MHS 8000

PULLING CAPACITY	8.000 Kgs	[17.637 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	14 mm	[- -]
ROPE CAPACITY (SAE J706)	62 Mt	[203,4 Ft]
ROPE CAPACITY (EN 14492-1)	70 Mt	[229,7 Ft]
LINE SPEED (first layer)	5,0 Mt/Min	[16,4 Ft/Min]
LINE SPEED (top layer)	8,9 Mt/Min	[29,2 Ft/Min]
MAX. OIL SUPPLY	100 Lt/Min	[26,42 GPM]

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ LOW MOUNTING

Its particular design, makes it proper for front end or rear vehicles mounting

### ❑ LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

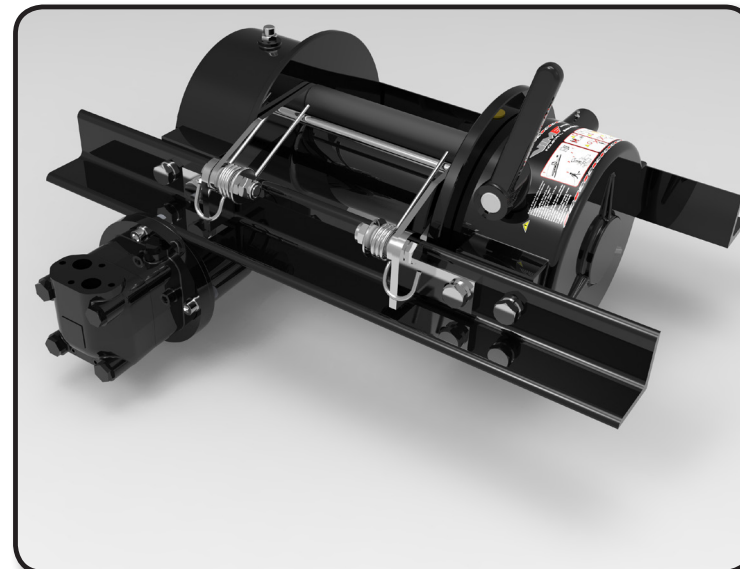
Standard Length: 278 mm (10.9 inch) MHS 8000  
Drum flange diameter: 330 mm (13,0 inch)

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

### ACCESSORIES :

- ❑ Zinc plated Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner
- ❑ Air clutch shifter - drum free spooling



## WARNING

Do not use winch to lift support or transport personnel.

## MH WORM GEAR WINCHES

Model MH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection.

Can be mounted on tow-trucks and for medium-heavy duty truck carrier applications.



### MH 8000

PULLING CAPACITY	8.000 Kgs	[17.637 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	15 / 16 mm	[-] / [-]
ROPE CAPACITY (SAE J706)	32 / 31 Mt	[105,0/101,7 Ft]
ROPE CAPACITY	38 / 35 Mt	[124,7/114,8 Ft]
LINE SPEED (first layer)	4,7 Mt/Min	[15,4 Ft/Min]
LINE SPEED (top layer)	9,2 Mt/Min	[30,2 Ft/Min]
MAX. OIL SUPPLY	100 Lt/Min	[26,42 GPM]

## FEATURES

### TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### LOW MOUNTING

Its particular design, make it proper for front end or rear vehicles mounting

### LIGHT AND STRONG

Body manufactured from hardened special aluminium castings, which reduces weight and increases strength  
Body powder coat finished

### BRAKE

Worm gear provides load reversing protection

### DRUM SIZE AVAILABLE

Standard Length: 278 mm (10.9 inch) MH 8000-MH 9000  
Drum flange diameter: 273 mm (10,7 inch)

### TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### MH 9000

RATED LINE PULL	9.000 Kgs	[19.842 Lbs]
WORKING PRESSURE	160 Bar	[2,321 Psi]
WIRE ROPE DIA.	16 mm	[-]
ROPE CAPACITY (SAE J706)	31 Mt	[101,7 Ft]
ROPE CAPACITY	35 Mt	[114,8 / Ft]
LINE SPEED (first layer)	4,7 Mt/Min	[15,4 Ft/Min]
LINE SPEED (top layer)	9,2 Mt/Min	[30,2 Ft/Min]
MAX. OIL SUPPLY	100 Lt/Min	[26,42 GPM]



## WARNING

Do not use winch to lift support or transport personnel.



## WH WORM GEAR WINCHES

Model WH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

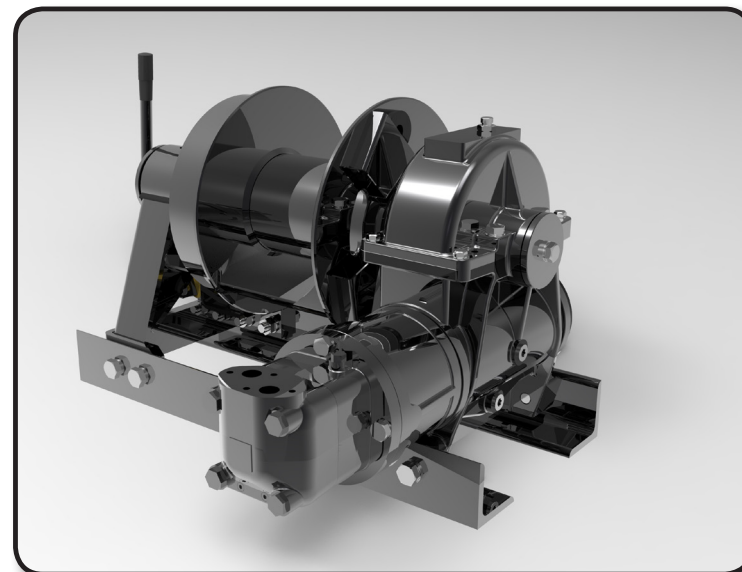
The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection.

Can be mounted for heavy duty truck carrier applications.



### WHC 15000

PULLING CAPACITY	15.000 Kgs	[33.069 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	19 mm	[-]
ROPE CAPACITY (SAE J706)	40 Mt	[131,2 Ft]
ROPE CAPACITY (EN 14492-1)	34 Mt	[111,5 Ft]
LINE SPEED (first layer)	5,4 Mt/Min	[17,7 Ft/Min]
LINE SPEED (top layer)	9,70 Mt/Min	[31,8 Ft/Min]
MAX. OIL SUPPLY	160 Lt/Min	[42,27 GPM]



## FEATURES

### TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### UPRIGHT MOUNTING

Its particular design, makes it proper for rear vehicles mounting

### STRONG

Body manufactured from hardened iron casting for greater strength

### BRAKE

Worm gear provides load reversing protection

### DRUM SIZE AVAILABLE

Short: 230 mm (9.1 inch) WHC 15000

Long: 465 mm (18.3 inch) WHL 15000

### TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

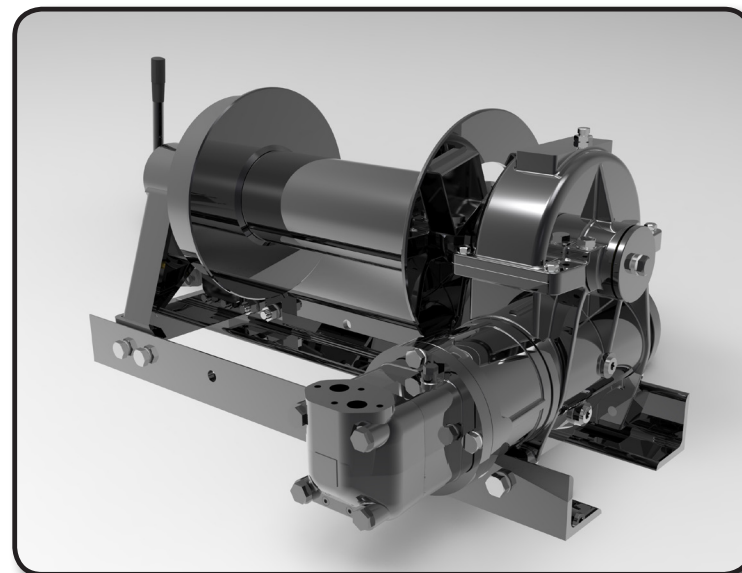
### ACCESSORIES :

- ☐ Zinc plated Heavy-duty roller fairlead
- ☐ Zinc plated Cable tensioner
- ☐ Air clutch shifter - drum free spooling



### WHL 15000

RATED LINE PULL	15.000 Kgs	[33.069 Lbs]
WORKING PRESSURE	150 Bar	[2,176 Psi]
WIRE ROPE DIA.	19 mm	[-]
ROPE CAPACITY (SAE J706)	81 Mt	[265,7 Ft]
ROPE CAPACITY (EN 14492-1)	72 Mt	[236,2 Ft]
LINE SPEED (first layer)	5,4 Mt/Min	[17,7 Ft/Min]
LINE SPEED (top layer)	9,70 Mt/Min	[31,8 Ft/Min]
MAX. OIL SUPPLY	160 Lt/Min	[42,27 GPM]



## WARNING

Do not use winch to lift support or transport personnel.

## PH WORM GEAR WINCHES

Model PH are hydraulic worm gear winches, designed for long life, offer safe duty. These winches are built according with higher safety standards and meet SAE J706.

The special aluminium alloy bronze gear match to an hardened steel ground polished worm. Worm gear provides load reversing protection.

Can be mounted for heavy duty truck carrier applications.



### PH 30000

PULLING CAPACITY	30.000 Kgs	[66.139 Lbs]
WORKING PRESSURE	180 Bar	[2,611 Psi]
WIRE ROPE DIA.	26 mm	[-]
ROPE CAPACITY (SAE J706)	51 Mt	[167,3 Ft]
ROPE CAPACITY	50 Mt	[164,0 Ft]
LINE SPEED (first layer)	3,7 Mt/Min	[12,1 Ft/Min]
LINE SPEED (top layer)	7,0 Mt/Min	[23,0 Ft/Min]
MAX. OIL SUPPLY	198 Lt/Min	[52,31 GPM]

## FEATURES

### ❑ TOUGH

The special aluminium alloy bronze gear match to an hardened steel ground polished worm

### ❑ UPRIGHT MOUNTING

Its particular design, makes it proper for rear vehicles mounting

### ❑ STRONG

Body manufactured from hardened iron casting, for greater strength

### ❑ BRAKE

Worm gear provides load reversing protection

### ❑ DRUM SIZE AVAILABLE

Standard: 320 mm (12.6 inch) PH 30000 - PH 35000

### ❑ TOTALLY OIL COOLED

Worm and gear are bathed in oil for maximum performance, quiet operation and to extend internal component life span

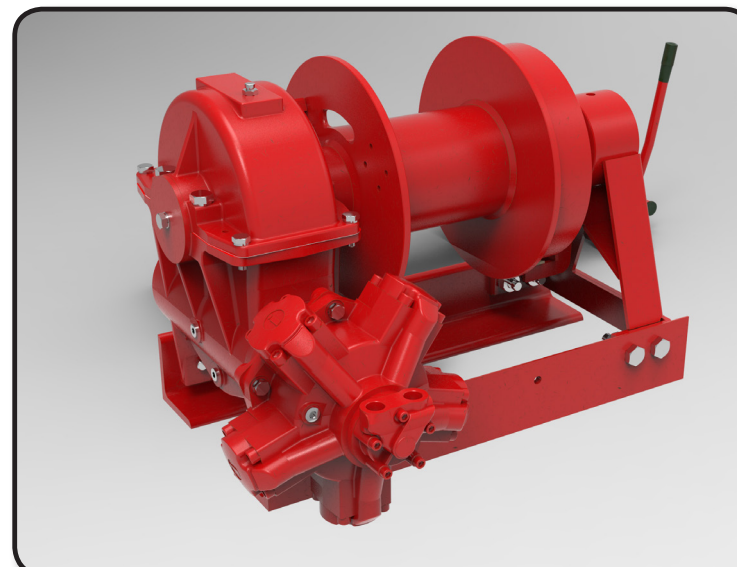
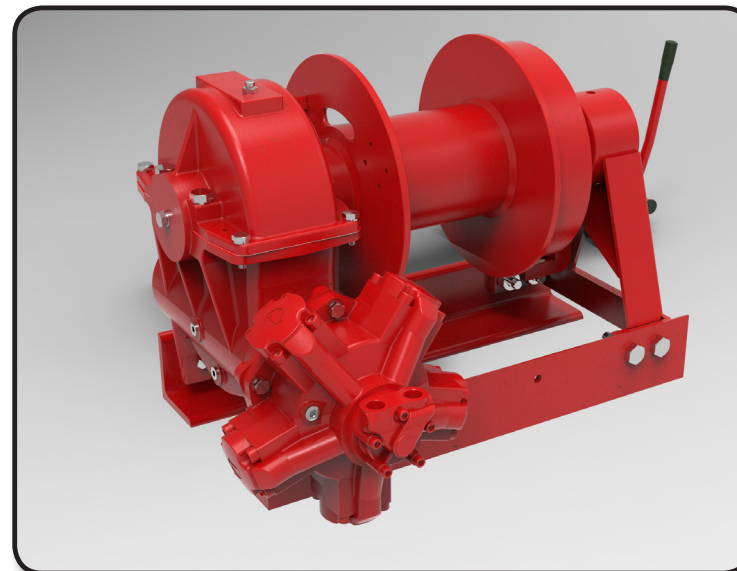
### ACCESSORIES :

- ❑ Zinc plated Heavy-duty roller fairlead
- ❑ Zinc plated Cable tensioner
- ❑ Air clutch shifter - drum free spooling



### PH 35000

RATED LINE PULL	35.000 Kgs	[77.162 Lbs]
WORKING PRESSURE	195 Bar	[2,828 Psi]
WIRE ROPE DIA.	26 mm	[-]
ROPE CAPACITY (SAE J706)	51 Mt	[167,3 Ft]
ROPE CAPACITY	50 Mt	[164,0 Ft]
LINE SPEED (first layer)	3,7 Mt/Min	[12,1 Ft/Min]
LINE SPEED (top layer)	7,0 Mt/Min	[23,0 Ft/Min]
MAX. OIL SUPPLY	198 Lt/Min	[52,31 GPM]



## WARNING

Do not use winch to lift support or transport personnel.



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