



MM FORST  
TECHNIK



WANDERFALKE®  
Cable yarder



# MM cable yarder system



## Innovation

The cable yarders from Mayr-Melnhof are universal pro-machines and allow a protective timber harvesting with 2 or 3 cables, downhill, uphill and in plain.

Our TÜV certified cable yarders fulfill highest security standards and guarantee a constant reliability, robustness and value resistance.

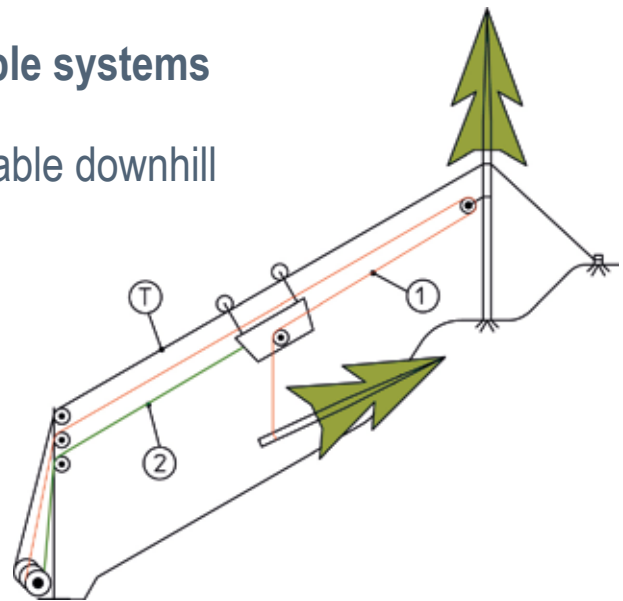
## Characteristics

- Tower tilt up to 12° all sides
- Tower swivel range up to 360°
- All-terrain operation  
Downhill, uphill and plain
- Fuel-saving drive system
- Remote control:
  - Automatic distance
  - Individual speed
  - Proportional joystick functions for a controlled load lowering
  - Wide range of the remote system
  - Low power consumption

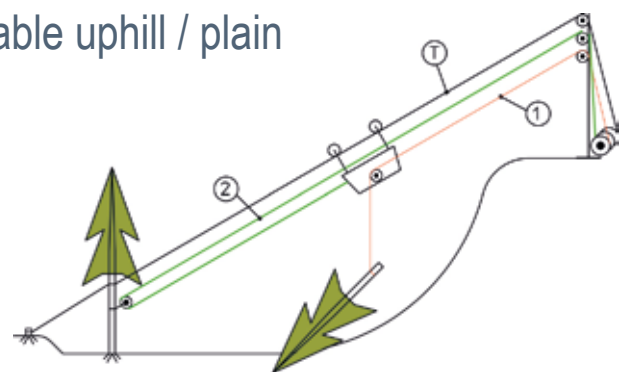


## Cable systems

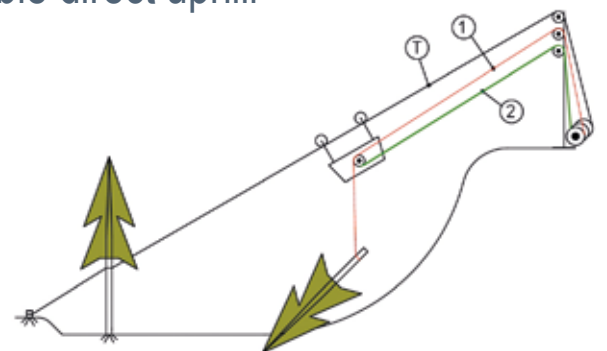
### 3-cable downhill



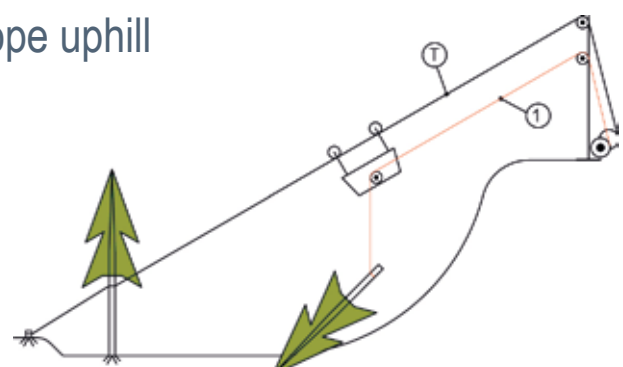
### 3-cable uphill / plain



### 3-cable direct uphill



### 2-rope uphill





## Specifications

- Two or three cables
- Maximum cable speed up to 8,5 m/sec
- Hydraulic overload protection by the skyline brake
- Skyline range up to 700m
- Pulling load two or three tons
- Lastführender Schnellgang

The WANDERFALKE® has been developed for yarding small or medium sized timber and can also be used for thinning. The direct hydraulic driven winch guarantees a low-maintenance work with compact dimensions.

The design of the WANDERFALKE® allows in combination with the MM-SHERPA®, the application of 3-cable direct method and combines a simple and quick installation with the advantage of the automatic cable reel out.

With the load-sensitive overdrive available as an option, the WANDERFALKE® reaches an optimal load/speed ratio and thus increases the number of load cycles.





# WANDERFALKE®







02

04

## 01 MM-SHERPA®

On the WANDERFALKE® cable yarder the universal carriage MM-SHERPA® is taking over the timber transportation.

## 02 Telescopic mast

The hydraulic telescope guarantees quick and simple mounting. The anchor winds are placed on the mast and are optionally driven hydraulic and radio commanded.

## 03 Processor crane

The shock-absorption is lowering the burden to the machine and machinist. The range of the processor crane is up to 9,4 meters and all different kinds of processor heads can be installed.

## 04 Diesel-hydraulic drive

The optimal balanced drive in combination with the latest diesel engines having Load-Sensing-Technology allows a fuel saving service.

## 05 Comfort cabin

The MM comfort cabin is not only protecting from weather but also with its FOPS structured windows from dangerous objects. The standard design includes one front and one side door, heated seat and radio but optionally also aircondition or shock absorbing seat mounting.

## 06 Hydraulic cable redirection

Option

A save and simple service is allowed by an hydraulic redirection of the carrying rope from the storage drum to the tension drum.

## 07 Winding drum

Option

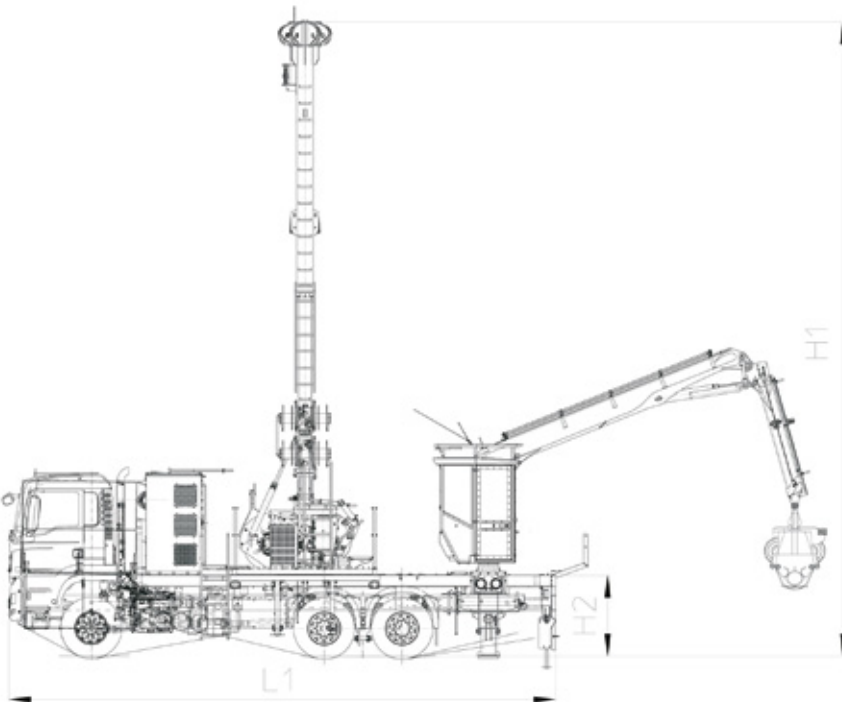
The hydraulic winding drum eases the reeling of the anchor ropes and allows in addition an ordered storage of all ropes on the machine.



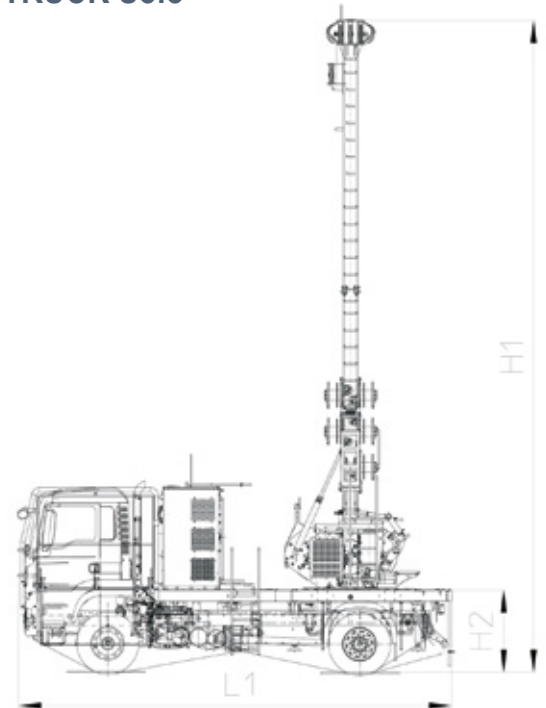
07



## TRUCK Kombi



## TRUCK Solo

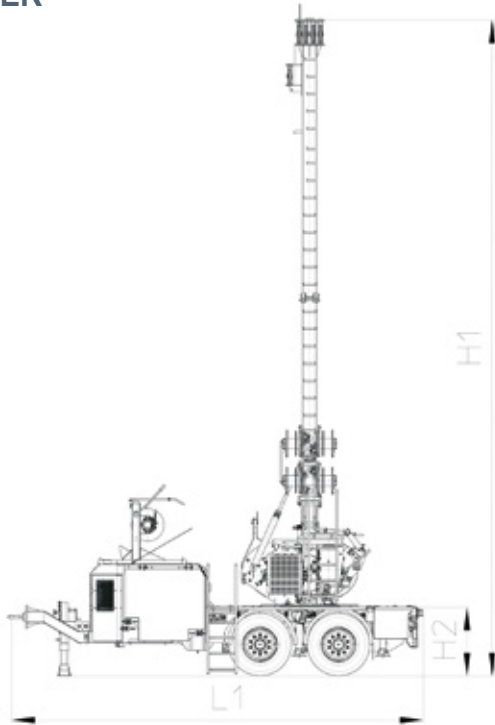


## Features

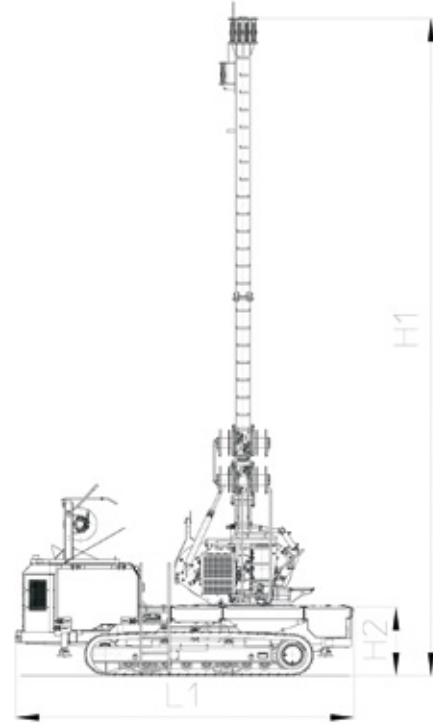
	TRUCK			
	WANDERFALKE 3 to Kombi	WANDERFALKE 3 to Solo	WANDERFALKE S 3 to Kombi Schnell	WANDERFALKE 2 to A
Carriage MM-SHERPA	BA3   U3	BA3   U3	BA3   U3	BA3   U3
Telescope mast height H1	11,5 m	11,5 m	11,5 m	–
Folding mast height H1	11,7 m	11,7 m	11,7 m	11,4 m
Maximum traction	3 to	3 to	3 to	2 to
Maximum speed	5m/s	5m/s	8,5m/s	5 m/s
Skyline Cable Ø   max. length	18 mm   600 m	18 mm   600 m	18 mm   700 m	16 mm   500 m
Cable 1 Ø   max. length	10 mm   1000 m	10 mm   1000 m	11 mm   1500 m	9 mm   1000 m
Cable 2 Ø   max. length	7 mm   1000 m	7 mm   1000 m	7 mm   1500 m	6 mm   1000 m
Anchor rope Ø   max. length	4x16 mm   85 m	4x16 mm   85 m	4x18 mm   70 m	4x16 mm   85 m
4 Hydraulic anchor winds	○	○	○	○
5 Hydraulic anchor winds	–	○	–	–
Remote anchor winch	○	○	○	○
Mounting winch   max. rope length	○   1800 m	○   1800 m	○   1800 m	○   1800 m
Mounting remote	○	○	○	○
Transport dimensions folding mast [mm]	10000   2550   4000	7700   2550   4000	10000   2550   4000	7150   2500   3700
Transport dimensions telescope mast [mm]	11500   2550   4000	9500   2550   4000	11500   2550   4000	–
Working dimensions L1 H2 B1 [mm]	10000   1450   5000	7700   1450   5000	10000   1450   5000	7150   1200   2500
Chassis	6x4   6x6	4x4	6x4   6x6	Tandem trailer
Engine output   Emission standard EU	324 kW   EURO 6	265 kW   EURO 6	324 kW   EURO 6	117 kW   TIER 4 Final
Engine output   Emission standard Japan	–	265 kW   EURO 6	–	102 kW   TIER 3
Engine output   Emission standard Chile	324 kW   EURO 5	265 kW   EURO 5	324 kW   EURO 5	102 kW   TIER 3



## TRAILER



## TRACK



TRAILER		TRACK		
WANDERFALKE 3 to A	WANDERFALKE S 3 to A Schnell	WANDERFALKE 2 to R	WANDERFALKE 3 to R	WANDERFALKE S 3 to R Schnell
BA3   U3	BA3   U3	BA3   U3	BA3   U3	BA3   U3
-	-	-	-	-
11,4 m	11,4 m	11,4 m	11,4 m	11,4 m
3 to	3 to	2 to	3 to	3 to
5 m/s	8,5m/s	5m/s	5m/s	8,5 m/s
18 mm   600 m	18 mm   600 m	16 mm   500 m	18 mm   600 m	18 mm   600 m
10 mm   1000 m	11 mm   1500 m	9 mm   1000 m	10 mm   1000 m	11 mm   1500 m
7 mm   1000 m	7 mm   1000 m	6 mm   1000 m	7 mm   1000 m	7 mm   1000 m
4x16 mm   85 m	4x18 mm   70 m	4x16 mm   85 m	4x16 mm   85 m	4x18 mm   70 m
○	○	○	○	○
-	-	-	-	-
○	○	○	○	○
○   1800 m	○   1800 m	○   1800 m	○   1800 m	○   1800 m
○	○	○	○	○
7150   2500   3700	7150   2500   3700	5900   2450   3650	5900   2450   3650	5900   2450   3650
-	-	-	-	-
7150   1200   2500	7150   1200   2500	5900   1200   2500	5900   1200   2500	5900   1200   2500
Tandem trailer	Tandem trailer	Track/Crawler	Track/Crawler	Track/Crawler
117 kW   TIER 4 Final	129 kW   TIER 4 Final	117 kW   TIER 4 Final	117 kW   TIER 4 Final	129 kW   TIER 4 Final
102 kW   TIER 3	151 kW   TIER 3	117 kW   TIER 4 Final	117 kW   TIER 4 Final	129 kW   TIER 4 Final
102 kW   TIER 3	151 kW   TIER 3	102 kW   TIER 3	102 kW   TIER 3	151 kW   TIER 3





We reserve the right to make technical changes during the current development. E2016



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