



KONRAD
one step further.



MOUNTY

The economical solution for steep slopes
from a single source



MOUNTY

Professional timber harvesting on steep slopes ...

... requires professional technology.

With its ergonomically well-thought machine concept, the MOUNTY sets new standards.

Components perfectly matched to one another result in an economical and extremely powerful machine.

- Compact design
- Ergonomic and safe workplace
- High tower
- Fuel-saving technology
- Quick and easy rigging up
- Comfortable cabin





MOUNTY

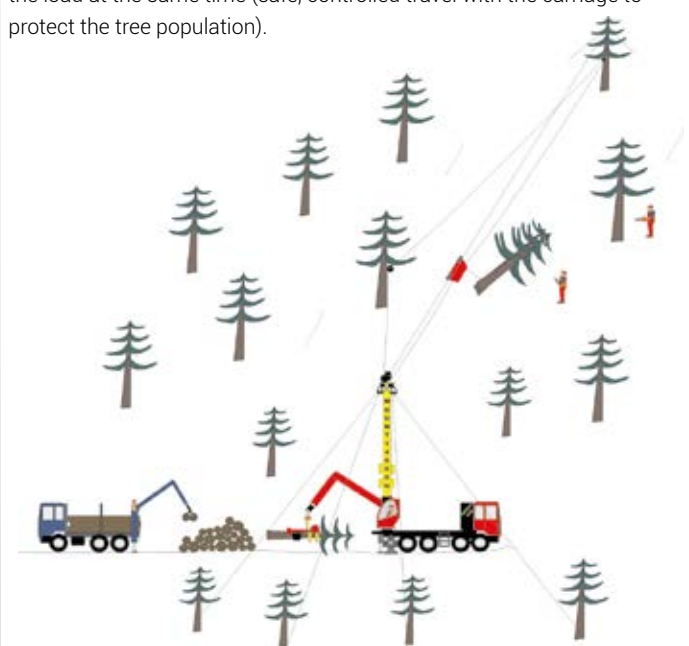
Working with the MOUNTY

The trees are felled in the slope and winched to the combi machine using the whole tree method, where they are delimbed and cut to length by the **WOODY harvester head** and then stored on the forest road. The stored wood can then be transported away directly by truck.

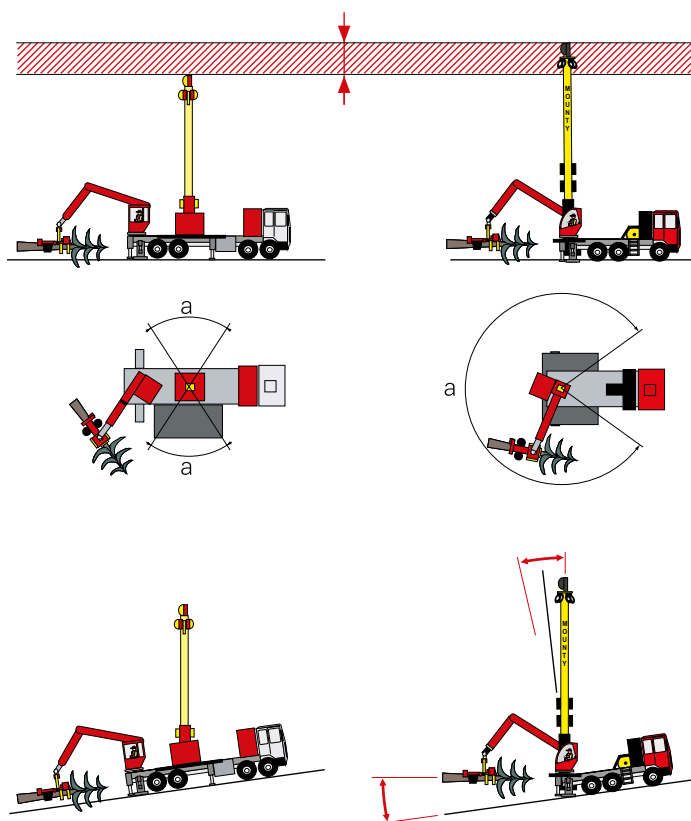
Operation method uphill: The radio-controlled winch carriage LIFTLINER brings with its motor-driven cable winch a considerable relief of the staff in the slopes and thus faster work cycles.



Operation procedure downhill with Mounty-U: The radio-controlled LIFTLINER carriage is operated in a haulback system. Thanks to the integrated hoist winch, the carriage can be moved on the cable and pulling the load at the same time (safe, controlled travel with the carriage to protect the tree population).



The MOUNTY compared to conventional systems





MOUNTY

Skyline cable ejector

- mounted on the mast head
- hydraulically controlled
- easy pulling out of the skyline cable
- pretensioned winding

Strong tower

with internal cables.
For a high security standard.

Tilt function for crane and tower

- consistently high pivoting torque
- always a horizontal sitting position

Option:

6 anchoring drums possible

Stable crane structure

- The new slewing ring bearing with swivel gear is particularly powerful and at the same time very sensitive to move.
- The intelligent combination of mast and crane cabin unit not only achieves a very high tower, but also a free and clear crane work area.
- Safe working position thanks to adjustable crane cabin.



Stable radio-controlled three-point support

Thanks to the radio control, the cable crane can be quickly aligned horizontally from the right angle.





MOUNTY

Cabin

KK2 - the innovative cabin system

- Automatic door
- Increased security
- Short stop of the carriage
- Improved upward visibility
- Enlarged interior space
- Air conditioning and heating system
- Improved noise and vibration insulation
- Carriage control via joysticks



The door opener – cabin door opens immediately

The chokers can therefore be opened without delay. With optional automated operation, the cabin door closes again automatically when the driver takes his seat.



Fuel-saving technology

- Load-dependent speed control
- Optimized hydraulics
- Low working speeds

New Konrad crane system

- Internal routing hydraulic hoses (no damage caused by cable and chokers)
- Tower lift without additional cylinder
- Reinforced and robust design

Skyline cable guidance / winding

With the help of the radio-controlled skyline cable guide cylinder, the skyline cable can be guided into the tensioning compartment and also moved and wound in a controlled manner in both directions.

Optional rigging winch

- With mechanical free de-winding
- Radio controlled
- 18 kN pulling force
- 1600m capacity





MOUNTY

The economical solution for steep slopes from a single source.

Not only the cable crane, but also the harvester unit, the carriage, the truck body fitting, as well as the entire machine and radio control come from KONRAD.

That means for the customer:

- Only one contact for service and spare parts
- The first series production of such combination machines guarantees a higher quality as well as an increase in long term strength
- Comprehensive guarantee, with service from the manufacturer for the entire machine
- Austrian quality product
- Forest-friendly working method
- Thanks to the low transfer costs, the MOUNTY combination machine can also be used economically for small quantities of wood
- The innovative construction results in low rigging costs
- The high tower often allows rigging the line without a cable support and gives the working crane additional stability.
- The machine operator is protected by the wide tower on downhill work.
- High performance with low machine costs



The perfectly coordinated components result in a compact and extremely powerful machine

To the MOUNTY video

In order to be able to present our products even better, there is now also a video: Simply scan the QR code and see for yourself

www.forsttechnik.at/mt_en





MOUNTY

Operation

Control unit KTC 1.0

- Clear display with touch control
- Visual display of the carriage, cable support and end point positions
- Easiest operation
- Central control and monitoring of:
 - WOODY
 - Cable crane
 - Truck carrier machine
 - Hydraulic system
- All setting points with text description
- Most precise evaluation of the production data
- Print production data, save them on a USB or send by e-mail
- Operating data acquisition and evaluation
- Remote maintenance via the Internet



Radio technology

All machine functions are carried out by radio remote control:

- Machine support
- Landing ramps
- Guy line winches
- Skyline winch and cable guide
- Main line winch
- Haulback line winch
- Strawline winch
- Start / stop of truck engine
- Changing the crane cabin
- Carriage functions such as hoist winch and engine start / engine stop
- Automatic distance control including the programming and programming of obstacles and cable supports.

The following additional functions are possible via the LCD display:

- Reading of operating data, speeds, pressures, temperatures, etc.
- Frequency conversion and frequency selection
- Settings for the carriage, speeds, ramps, etc.
- Use of the handheld radio transmitter as a radio converter



KONRAD CLOUD

The data recorded by the digital measuring devices, instruments and sensors are processed by the in-house software. The following information can be called up in the KONRAD CLOUD:

- Production data
- Data provision
- Working time measurement
- Recording of operating conditions such as work, rigging, transfer, maintenance, etc..
- Fuel consumption
- Display of maintenance intervals
- Location of the machine

KONRAD CLOUD



Technical data that convince



	MOUNTY MT30-2	MOUNTY MT40-2	MOUNTY MT50-2
Carrier vehicle ²⁾	Mercedes Arocs AK 3342 6x6	Mercedes Arocs AK 3342 6x6 Mercedes Arocs AK 4145 8x6	Mercedes Arocs AK 4145 8x6
Engine power	420 HP	420 / 450 HP	450 HP
Weight	26000 - 29000 kg ¹⁾	28000 - 32000 kg ¹⁾	31000 - 35000 kg ¹⁾
Transport dimensions (L x W x H)	11,90 x 2,50 x 4,00 m ¹⁾		13,09 x 2,50 x 4,00 m ¹⁾
Tower height	13,0 m ¹⁾ ⁴⁾		14,2 m ¹⁾ ⁴⁾
Tilt angle	+6,5° / -6,5°		
Control system	KTC 1.0		
Radio system	KFS-16, KFS-20		
Harvester heads	W52, WH50-1, WH6, WH60-1		WH6, WH60-1

Cable yarder system

	Standard	Long rope	Standard	Long rope	Standard
Sky line winch	Ø18mm/500m	Ø18mm/700m	Ø20mm/600m	Ø20mm/800m	Ø22mm/800m
Pulling force	100 kN		120 kN		
Main line winch	Ø11mm/500m	Ø11mm/700m	Ø12mm/650m	Ø12mm/800m	Ø12mm/800m
Pulling force	30 kN		40 kN		
Guy line winch	4x Ø18mm/60m	Ø18mm/70m	4x Ø20mm/60m	Ø18mm/70m	6x Ø18mm/70m
Pulling force	9 kN				
Straw line winch ³⁾	Ø7mm/1000m	Ø7mm/1400m	Ø7mm/1200m	Ø7mm/1600m	Ø7mm/1600m
Pulling force	18 kN				
Haul back winch ³⁾	Ø10mm/1100m	Ø10mm/1400m	Ø11mm/1200m	Ø11mm/1600m	Ø11mm/1600m
Pulling force	30 kN		40 kN		

Crane system

Crane type	MT22	MT24
Lifting force	200 kNm	220 kNm
Slewing torque	40 kNm	46 kNm
Slewing range	350°	350°
Reach	9,6 m	9,9 m

Hydraulic system

Pumps for the Yarder	Axial piston pump, closed oil circuit, p _{max} 460 bar
Work pump	Axial piston pump, open oil circuit, p _{max} 350 bar
Power take-off pump	Axial piston pump, open oil circuit, p _{max} 100 bar
Hydraulic tank capacity	400 l

- 1) Depending on the respective machine version
- 2) Other carrier vehicle on request
- 3) Optional
- 4) Design: 3-cables, with skyline ejector

Special equipment: In addition to the standard equipment, a wide range of special equipment is available. For more information on standard and optional equipment, please contact your Konrad sales partner.

The manufacturer reserves the right to make technical changes and improvements.



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