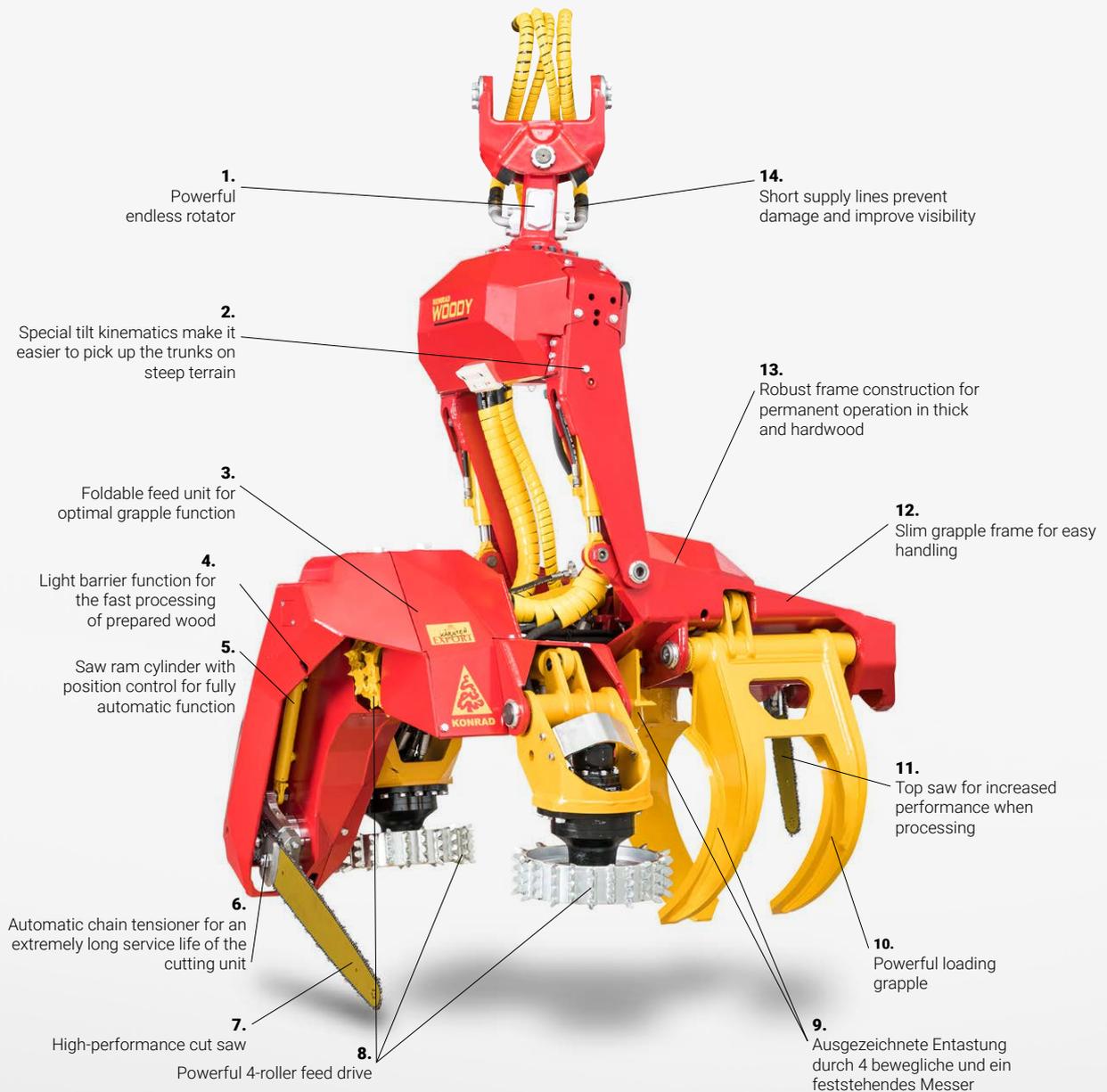




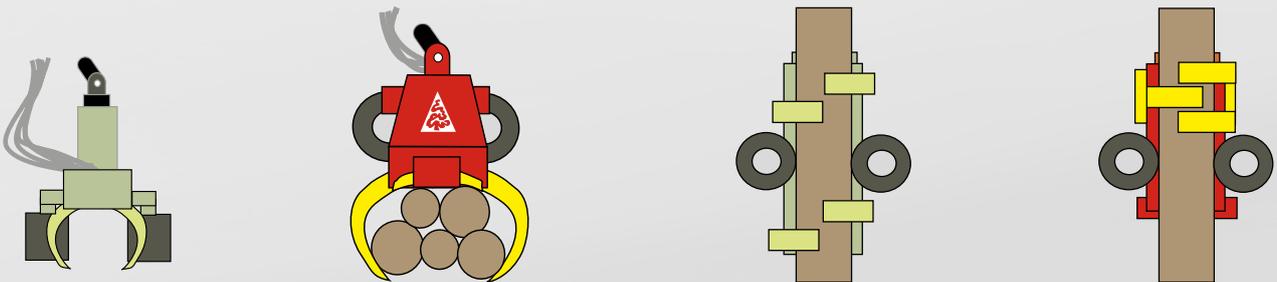
# WOODY

The next generation of  
harvester heads

# 14 reasons for the WOODY performance



## Harvester WOODY compared to conventional units



Thanks to the **foldable feed unit** of the WOODY, several logs lying next to one another can be picked up and processed. In addition, a practically fully functional loading grapple with a wide grapple opening and endless rotation is available.

Thanks to the **special arrangement of the delimiting knives**, hardwoods that have often crooked stems can be processed without problems.



WOODY

The WOODY unit is ideally suited for the alternating use of harvester or processor operation, as well as for professional harvesting use.

Thanks to its gripping function, the WOODY can not only load wood, but also prepare the timber on steep terrain for easier transport with a cableway system. The unique and patented frame geometry of the WOODY also allows the processing of hardwood and crooked stems.

The area of application of the WOODY are very diverse and range from conventional fitting on excavators to classic harvester use on basic machines (e.g. the KONRAD HIGHLANDER) to use on combination machines such as the MOUNTY mountain harvester.



The WOODY has a long overall length, which enables the controlled felling of strong trees.



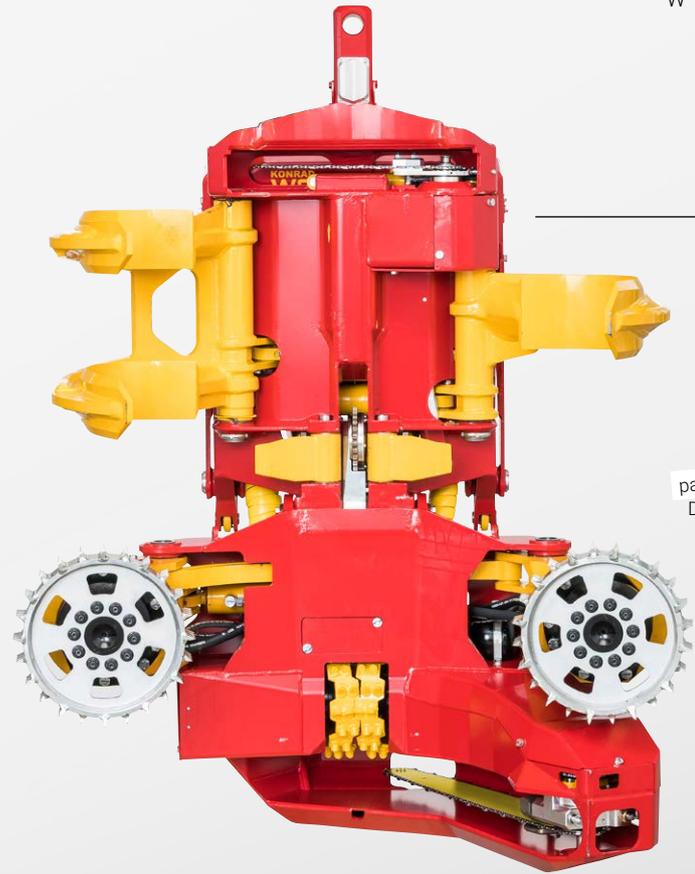
The upwards foldable feeding unit results in a fully operational loading grapple with endless rotation



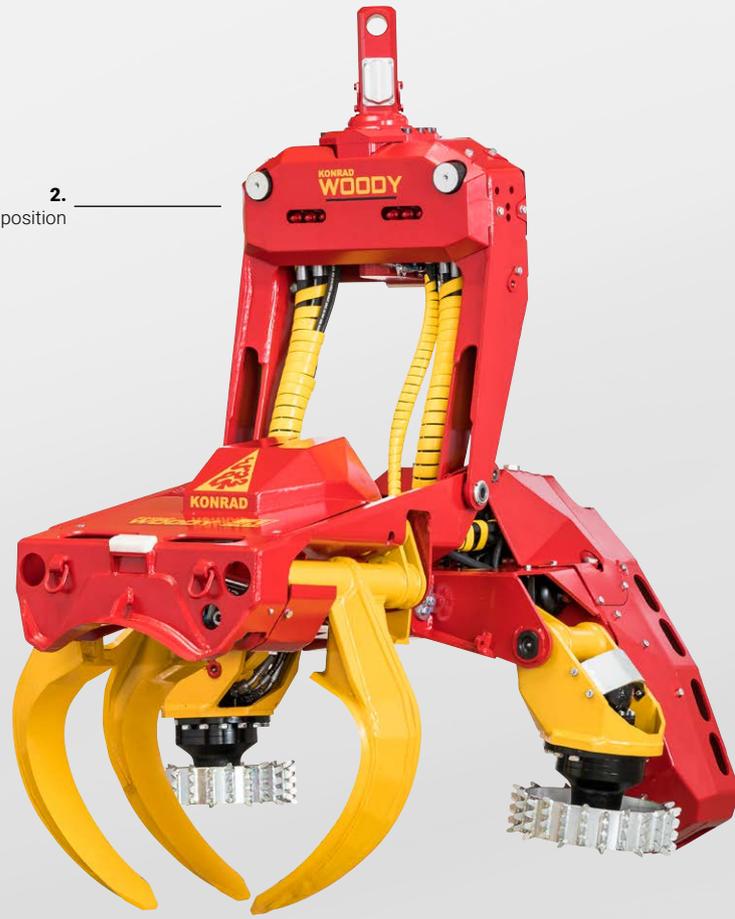


WOODY

1. Felling position



2. Delimiting position



3. Grapple position patented



← Loading grapple with a large loading volume →



WOODY



## Control unit KTC



- Clear display with touch screen controls
- Color representation for fatigue-free work
- Control of all WOODY models possible
- Easy handling
- Most precise evaluation of the production database
- Print production data, save on USB or send by e-mail
- Tree species-related setting of the grapple and roller pressures as well as the length measurement
- All setting points with text description
- Control and monitoring of the base machine
- Additional function outputs
- Wireless connection to the cable crane control and monitoring possible
- Production data acquisition and evaluation
- Remote maintenance via the Internet

## KONRAD Cloud

**The data recorded by the digital measuring devices, instruments and sensors are processed by the in-house software and provide the following information:**

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



# Technical data that convince

|                          | WH40-1                 | WH40-2                            | WH50-1  | WH60-1  | WH70-1  |
|--------------------------|------------------------|-----------------------------------|---|---|---|
| Weight                   | 500 kg <sup>1)</sup>   | 570 kg                            | 1100 kg <sup>1)</sup> / 1160 kg <sup>2)</sup> | 1450 kg <sup>1)</sup> / 1480 kg <sup>2)</sup> | 1710 kg <sup>1)</sup> / 1740 kg <sup>2)</sup> |
| Recommended engine power | at least 51 kW (70 hp) |                                   | 88 kW (120 hp)                                | 118 kW (160 hp)                               | 132 kW (180 hp)                               |
| Operating pressure       | 250 - 280 bar          |                                   | 300 - 350 bar                                 |   | 320 - 350 bar                                 |
| Oil requirement          | 130 - 160 l/min        |                                   | 150 - 220 l/min                               | 200 - 250 l/min                               | 250 - 280 l/min                               |
| Rotator                  | Indexator AV 4E I      | Integrated KONRAD endless rotator |   |   |   |
| Operating voltage        | 24 V                   |                                   |   |   |   |
| Control system           | KTC 1.0                |                                   |   |   |   |

## Saw unit

|                             |        | Main saw  | Top saw (opt.) | Main saw  | Top saw (opt.) | Main saw  | Top saw (opt.) |
|-----------------------------|--------|-----------|----------------|-----------|----------------|-----------|----------------|
| Chain tensioner system      | manual | hydraulic | manual         | hydraulic | manual         | hydraulic | manual         |
| Chain speed                 | 35 m/s | 40 m/s    | 35 m/s         | 40 m/s    | 35 m/s         | 40 m/s    | 35 m/s         |
| Length of the saw guide bar | 590 mm | 750 mm    | 420 mm         | 820 mm    | 420 mm         | 900 mm    | 480 mm         |
| Max. cutting diameter       | 450 mm | 550 mm    | 300 mm         | 680 mm    | 320 mm         | 750 mm    | 350 mm         |
| Chain pitch                 | .404"  |           |                |           |                |           |                |
| Number of drive links       | 72     | 91        | 55             | 98        | 55             | 106       | 60             |

## Feed unit

| Feed                     | 2 feed rollers | 3 feed rollers | 4 feed rollers |        |
|--------------------------|----------------|----------------|----------------|--------|
| Max. feed force          | 18 kN          | 32 kN          | 35 kN          | 37 kN  |
| Feed speed               | 0 - 4 m/s      |                |                |        |
| Max. feed roller opening | 500 mm         | 630 mm         | 740 mm         | 820 mm |

## Grapple unit

| Delimiting tools     | 2x flexible, 1x static | 4x flexible, 1x static |             |             |
|----------------------|------------------------|------------------------|-------------|-------------|
| Delimiting diameter  | 40 - 400 mm            | 40 - 550 mm            | 40 - 650 mm | 90 - 750 mm |
| Max. grapple opening | 750 mm                 | 1030 mm                | 1200 mm     | 1260 mm     |

### WOODY 40-1

1) Weight excl. rotator; hydraulic oil filled

### WOODY 50-1, WOODY 60-1 und WOODY 70-1

1) Weight incl. rotator; hydraulic oil filled

2) With optional top saw

Optional equipment: In addition to the standard equipment, a broad range of optional equipment is also available. Further information on standard and optional equipment can be obtained from your KONRAD distributor.

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



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