



## Requirements for Power Unit:

### A Wheel Loader, Telescopic Loader

1 extra hydraulic circuit, double-acting, for implement attachment at front

- hydraulic working pressure 180 - 220 bar (2,588 - 3,190 lbs./in<sup>2</sup>)
- oil flow 80-100 l per minute (22-28 GPM)
- tipping load approx. 15.000 kg (33.000 lbs.)
- lift capacity approx. 8.500 kg (18,700 lbs.)
- type of attachment quick-change frame or frame for fixed attachment
- controls: electro-hydraulic valves control element

### B Truck

- wheel formula: 6 x 6
- payload: 12.500 kg (27,500 lbs)
- permissible rear axles load, min.: 2 x 9.000 kg (2 x 19,800 lbs.)
- permissible gross weight min.: 24.000 kg (52,800 lbs.)
- length of superstructure, min.: 480 cm (189")
- overhang max.: 90 cm (35")
- wheelbase min.: 360 cm (142")
- PTO drive: hydraulic pressure: 180 - 220 bar (2,588 - 3,190 lbs./in<sup>2</sup>)
- oil flow: 80 - 100 l per minute (22 - 28 GPM)
- raised exhaust controls: manual hand valves

### C Special Attachments

please enquire

## Basic Machine:

|                                  |   |                     |                       |
|----------------------------------|---|---------------------|-----------------------|
| upper rootball diameter, approx. | A | 196 cm              | (77")                 |
| rootball depth, approx           | B | 126 cm              | (50")                 |
| working height                   | C | 250 cm              | (98")                 |
| working width, gate closed       | D | 220 cm              | (87")                 |
| working width, gate open         | E | 315 cm              | (124")                |
| clearance between open gate      | F | 160 cm              | (63")                 |
| inner frame diameter             | G | 140 cm              | (55")                 |
| weight, empty                    |   | 3.650 kg            | (8,030 lbs.)          |
| volume of rootball, approx.      |   | 1,74 m <sup>3</sup> | (58 FT <sup>3</sup> ) |
| number of blades                 |   | 4                   |                       |

## Special Features

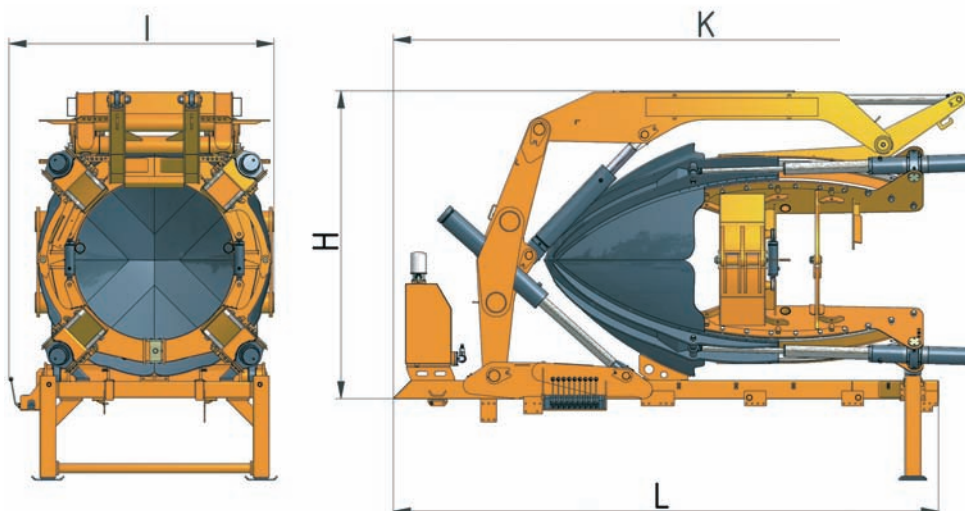
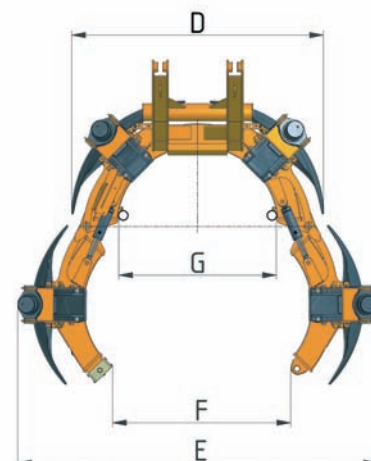
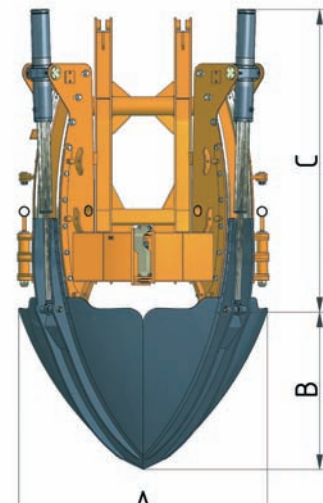
- telescopic blade cylinders, self-lubricating bearings (abrasion-resistant)

## Superstructure:

|   |   |          |               |
|---|---|----------|---------------|
| transport height  | H | 270 cm   | (106")        |
| transport width   | I | 232 cm   | (91")         |
| min. length of truck platform                                 | L | 480 cm   | (189")        |
| overall length of superstructure (platform length + overhang) | K | 520 cm   | (205")        |
| weight, empty   |   | 8.200 kg | (40,040 lbs.) |

- Base frame (to be bolted to truck chassis),
- 2 articulated lift arms, digging head (as above), rotation of lift arm,
- 2 independently controlled rear stabilizers,
- hydraulic equipment complete with oil tank, hoses, cylinders and manually operated control valves

The purchaser must ensure that the combination of his truck and the Optimal tree spade is legal for highway use. Optimal-Vertrieb Opitz GmbH reserves the right to make changes in engineering, design and specifications



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