



**Optimal**

# optimal 1800



Tree Spade



Requirements for Power Unit:

## **A** Wheel-Loader, Skid Steer Loader, Telescopic loader

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

- hydraulic working pressure 160 - 200 bar (2300-2900 lbs./in<sup>2</sup>)
- oil flow 50-80 l per minute (13-22 GPM)
- tipping load approx. 8.500 kg (18,700 lbs.)
- lift capacity approx. 5.000 kg (11,000 lbs.)
- type of attachment quick-change frame or frame for fixed attachment
- controls electro-hydraulic valves, rotary control switch

## **B** truck

- Wheel formula: 4x 4
- Payload: 9.200 kg (20,240 lbs)
- Permissible rear axles load, min.: 12.000 kg (26,400 lbs)
- Permissible gross weight min.: 18.000 kg (39,600 lbs)
- Length of superstructure, min.: 420 cm (165")
- Overhang max.: 120 cm (47")
- Wheelbase min.: 360 cm (142")
- PTO drive hydraulic pressure: 160 - 200 bar (2,300 – 2,900 lbs/in<sup>2</sup>)
- oil flow: 50 - 80 l per minute (13 – 22 GPM)  
Raised exhaust
- controls: manual hand valves

## **C** Special Attachments please enquire



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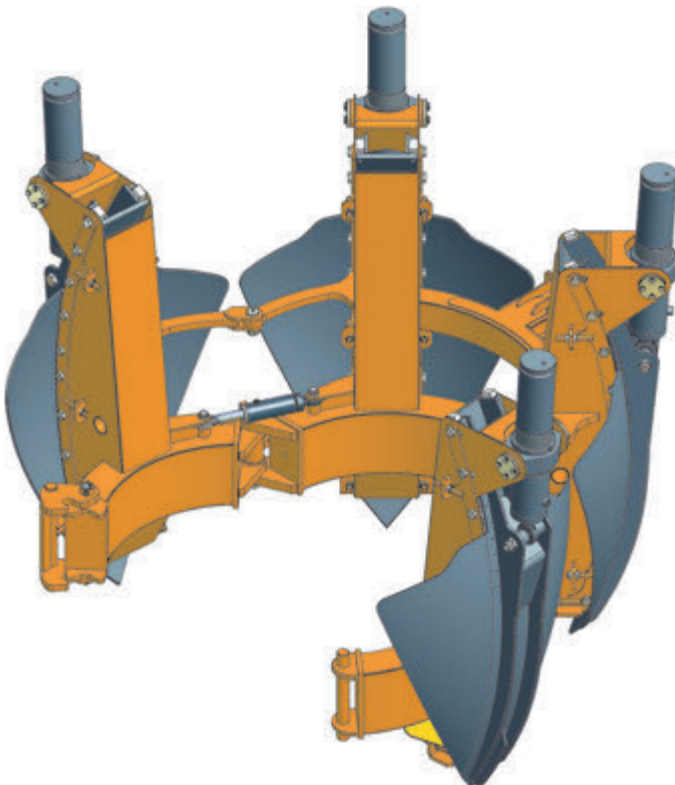
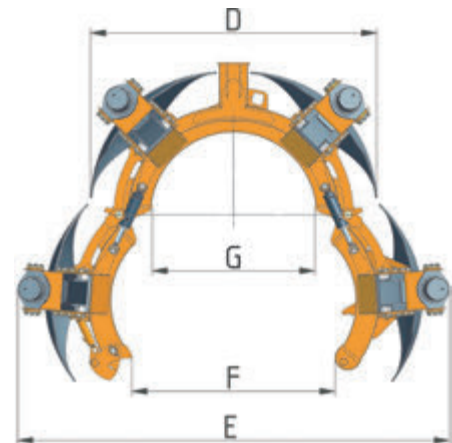
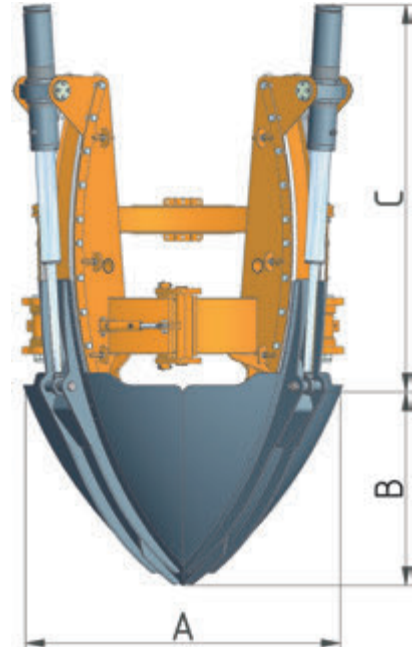
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### Basic Machine:

upper rootball diameter, approx.	A	165 cm	(65")
rootball depth, approx.	B	100 cm	(39")
working height	C	208 cm	(82")
working width, gate closed	D	180 cm	(71")
working width, gate open	E	270 cm	(106")
clearance between open gate	F	110 cm	(43")
inner frame diameter	G	104 cm	(41")
weight, empty		2.400 kg	(5,280 lbs.)
volume of rootball, approx.		0,94 m <sup>3</sup>	(33 FT <sup>3</sup> )
number of blades		4	

### Special Features

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



rotary control switch



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