



Optimal

optimal 1400



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 (2,300 - 2,900 lbs./in²)
- oil flow 50-80 l per minute (13-22 GPM)
- tipping load approx. 4.500 kg (9,900 lbs.)
- lift capacity approx. 3.500 kg (7,700 lbs.)
- type of attachment quick-change frame or frame for fixed attachment
- controls: electro-hydraulic valves, individual spade control, electronic control element

B Farm Tractor

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

- hydraulic working pressure 160 - 200 bar (2,300 - 2,900 lbs./in²)
- oil flow 50-80 l per minute (13-22 GPM)
- engine capacity approx. 120 HP
- type of attachment lift mast HG 1700 with
- controls 3 manual hydraulic valves for lift mast, Electric control element for tree spade
- optional PTO-driven hydraulic pump and oil depot

C Special Attachments please enquire



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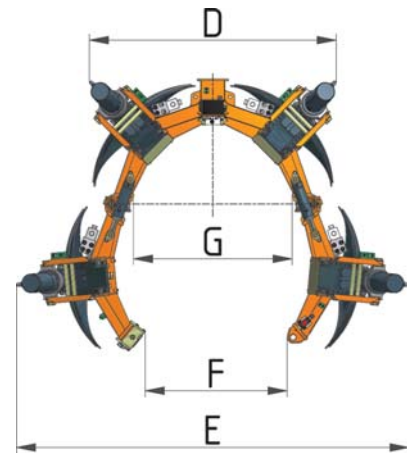
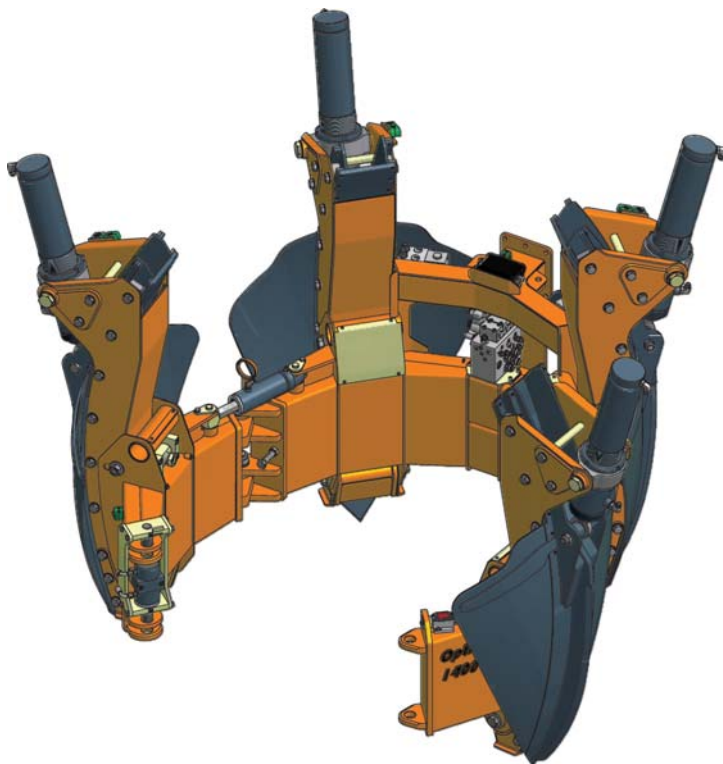
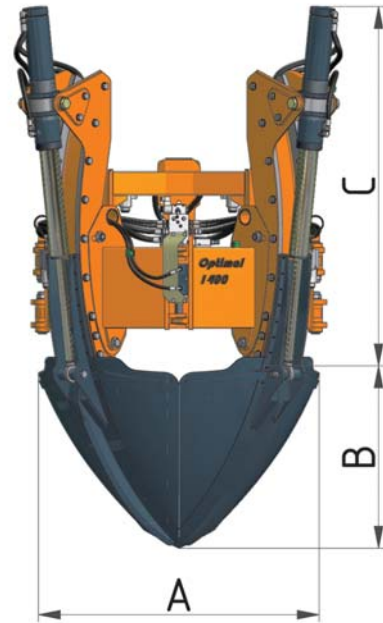
Tree Spade

Basic Machine:

upper rootball diameter, approx.	A	140 cm	(55")
rootball depth, approx	B	90 cm	(35")
working height	C	180 cm	(71")
working width, gate closed	D	165 cm	(65")
working width, gate open	E	260 cm	(102")
clearance between open gate	F	96 cm	(38")
inner frame diameter	G	108 cm	(43")
weight, empty		1.595 kg	(3,509 lbs.)
volume of rootball, approx.		0,63 m ³	(20 FT ³)
number of blades		4	

Special Features

- telescopic blade cylinders
- Individual spade control
- sturdy frame with enlarged cross-section and reinforced hinges
- improved gate lock system stabilises main frame
- mechanism for infinitely adjustable and precise spade alignment
- self-lubricating bearings, abrasion-resistant



Electric control element



Distributor:



Fieldworks Nursery Equipment
 5191 Dawes Rd
 Grand Bay AL 36541
 USA
 Phone1: (251) 490-9871
 Phone2: (251) 633-3400
 Fieldgrown@gmail.com
 http://optimaltreespades.com

Manufacturer:



Optimal-Vertrieb Opitz GmbH
 Eysölden M 41
 91177 Thalmässing
 Germany
 Tel. + 49 91 73/79 18 0
 Fax. + 49 91 73/79 18 49
 info@opitz-optimal.com
 www.opitz-optimal.com