



YOUNG ORANGE PEEL SCRAP GRAPPLE

MODEL "D" 4 TINE SCRAP GRAPPLES

New high pressure hydraulic cylinders

- Bolt on cylinder head
- Thicker barrel wall
- Larger ports

New Cylinder shroud design

- Reduces area for material packing
- Provides greater protection

Improved replaceable alloy tips

- New casting design
- Additional wear material
- Increased life between replacements

High pressure Rotary Union

- Compatible with new machines
- Reduces back pressure
- Extends seal life

Special high pressure hoses

- Ultra high wear resistance
- Compatible with new machines

Improved pins and mounting

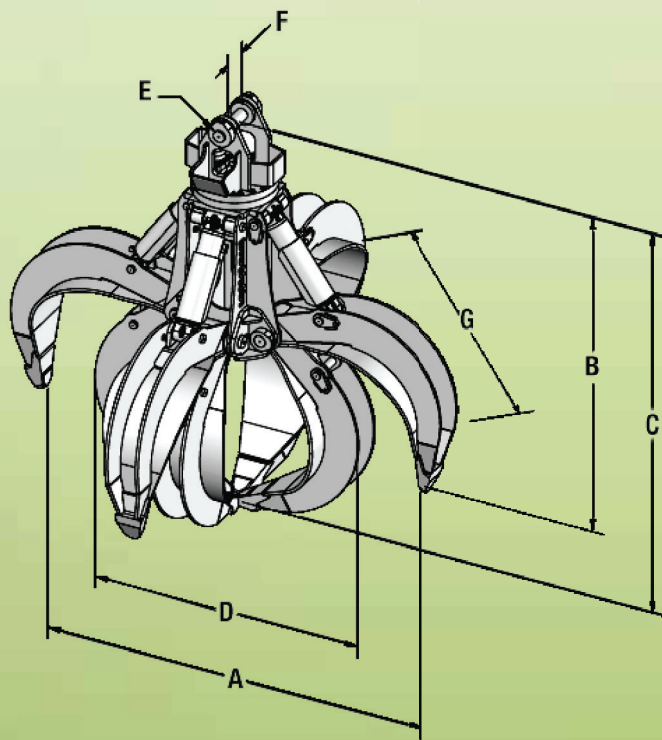
- Stronger, longer pins
- Better pin support



young
CORPORATION

Model "D" 4-Tine Scrap Grapples Specifications

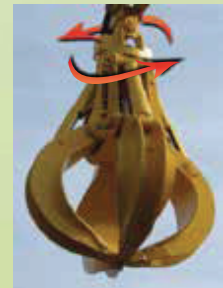
Max Machine Weight	65,000 lbs			135,000 lbs				
Grapple Model	LO-50D	LO-75D	LO-95D	LO-100D	LO-125D	LO-150D	LO-200D	LO-250D
Grapple Capacity	1/2-cu yd	3/4-cu yd	1-cu yd	1-cu yd	1 1/4-cu yd	1 1/2-cu yd	2-cu yd	2 1/2-cu yd
Max Opening	A 70 5/8-in	79 1/4-in	88 3/4-in	86 1/2-in	93-in	98 5/8-in	109-in	117 5/8-in
Open Overall Height	B 75 1/4-in	77 3/4-in	80 1/2-in	83 7/8-in	85 3/4-in	87 3/8-in	90 3/8-in	92 7/8-in
Closed Overall Height	C 85 5/8-in	90 5/8-in	96 1/8-in	97-in	100 3/4-in	104-in	110-in	115-in
Closed Overall Width	D 51 1/4-in	55 3/4-in	60 1/2-in	63 1/4-in	66 3/8-in	69 1/8-in	74 1/4-in	79-in
Spindle Pin Diameter	E 2 1/2-in			3				
Spindle Ear Width	F 5 3/8-in			6 7/8-in				
Open Width	G 63 3/8-in	69 7/8-in	77-in	77 3/8-in	82 1/4-in	86 3/8-in	94-in	100 5/8-in
Tool Weight	2865 lbs	3025 lbs	3200 lbs	4740 lbs	4910 lbs	5080 lbs	5380 lbs	5680 lbs



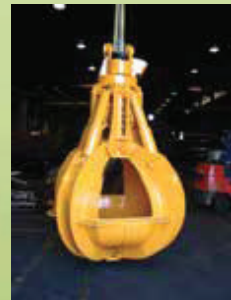
Grapple Options



Cross Head Adapter



Knock Around Rotation



Fully Enclosed Tines



Leg Reinforcement Kit

Hydraulic Specifications (65,000 -lbs)

Open/Closed Circuit: 3/4-inch Supply Line, 45-GPM Delivery, 5500-psi Relief Setting, 3/4-JIC Open/Close Port Size
 Rotation Circuit: 1/2-inch Supply Line, 6-GPM Delivery, 1125-psi Relief Setting, 3/8-JIC Rotation Port Size
 Control Valve Type: 4-Way, Closed Center, Spring Return

Hydraulic Specifications (135,000 -lbs)

Open/Closed Circuit: 3/4-inch Supply Line, 68-GPM Delivery, 5500-psi Relief Setting, 3/4-JIC Open Port Size, 1-JIC Close Port Size
 Rotation Circuit: 1/2-inch Supply Line, 5-GPM Delivery, 1500-psi Relief Setting, 1/2-JIC Rotation Port Size
 Control Valve Type: 4-Way, Closed Center, Spring Return