



# **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**

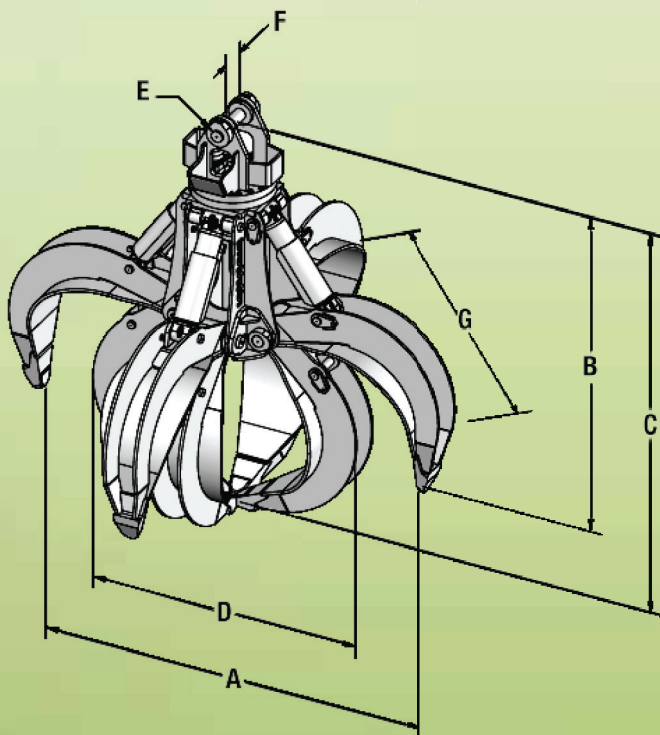
- Stronger, longer pins
- Better pin support



**young**  
CORPORATION

# Model "D" 4-Tine Scrap Grapples Specifications

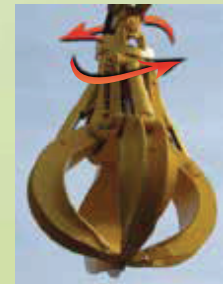
Max Machine Weight	65,000 lbs			135,000 lbs				
Grapple Model	LO-50D	LO-75D	LO-95D	LO-100D	LO-125D	LO-150D	LO-200D	LO-250D
Grapple Capacity	1/2-cu yd	3/4-cu yd	1-cu yd	1-cu yd	1 1/4-cu yd	1 1/2-cu yd	2-cu yd	2 1/2-cu yd
Max Opening A	70 5/8-in	79 1/4-in	88 3/4-in	86 1/2-in	93-in	98 5/8-in	109-in	117 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