



# CRANE EQUIPMENT MANUFACTURING CORP.

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## Specifications for Grizzly Compactor Grapple

### I. Basic Function:

Grapple forms a flat base when jaw is in the closed position. In this position, the grapple is used as a tamper for compacting and rearranging refuse. If used in the open position, the grapple can pick up refuse or other objects weighing as much as 20,000 lbs. while lifting vertically. The grapple allows the operator the versatility of lifting or compacting without changing attachments.

### II. Specifications:

- 2,000 psi system (+/-10%)
- 12 gallons/min (15 max, 8 min)
- 2 cylinders, 3.5" x 8" with 1/5" diameter rod
- 1550 lbs., approximate weight
- Approximately 1/3 cubic yard capacity
- Continuous-rotation type
- 170 degree wristing travel (requires crane manufacturer to provide wristing assembly travel of 20")
- Flash orange paint standard, but other colors are an option
- Enclosed hose, as much as practical, to minimize damage from refuse
- 2" grapple arm pins
- Replaceable, hardened, grapple ear bushings
- 3" wide grapple cylinder clevis

### III. Crane Requirements:

- Separate proportional controls for wristing, grapple open/close and grapple rotation
- Stick width not to exceed 12 inches. Grapple will be customized to allow customer use of own standard pins for attachment. Crane manufacturer to supply dimensions and geometry of pin and wristing cylinder travel
- Pressure and volume of oil listed above brought to end of jib/stick to connect with 3/8" & 1/2" female JIC hoses supplied with grapple