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## 55 Gallon Barrel Handler Specifications

Hydraulic Recommendations.....20-30 GPM @ 3000 psi  
 Hydraulic Connection Type.....¾" Flush Face Coupling  
 Rated Burst Pressure for Hydraulic Connections.....15 ksi (103.4 MPa)  
 Pressure Drop .....307 psi (2.12 MPa)  
 Return Pressure (starting pressure 3000 psi, 20 gpm).....2693 psi (18.57 MPa)  
 Rated Weight Capacity<sup>1</sup> .....1200 lbs (544 kg)  
 Hydraulic Cylinders .....See Chart Below

Type of Cylinder	Quantity	Bore	Rod Diameter	Stroke	Push <sup>2</sup>	Pull <sup>2</sup>
Clamp	2	2 in 51 mm	1.00 in 25 mm	3.5 in 89 mm	9425 lbs 41.9 kN	7069 lbs 31.4 kN

Chain Base Hydraulic Motor .....See Chart Below

Displacement	Torque		Min. Starting Torque		Pressure	
	Continuous	Intermittent	@ Cont. Pressure	@ Int. Pressure	Continuous	Intermittent
9.7 in <sup>3</sup> /r	2059 lb-in	2824 lb-in	1650 lb-in	2590 lb-in	1650 ΔPSI	2250 ΔPSI
159 cm <sup>3</sup> /r	233 Nm	319 Nm	186 Nm	262 Nm	114 ΔBar	155 ΔBar

Mass of Chain Base .....413 lbs (187 kg)  
 Mass of 55 Gallon Barrel Handler without a Base .....130 lbs (59 kg)  
 Rotation Angle .....350° non-continuous (175° right, 175° left)  
 Mounting Method.....Universal Quick Attach (Customizable)  
 Maximum Opening of Jaws.....39.5 in (1003 mm)  
 Minimum Opening of Jaws .....21 in (533 mm)

1. Max Weight Capacity = Machine Operating Capacity – Weight of Attachment  
Should not exceed the rated weight capacity of the attachment
2. Push and Pull are based on 3000 psi at 20-30 GPM

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