

Trommel screen parts list and assembly

<u>Qty.</u>	<u>Description</u>	<u>Source</u>
3	22" angle ring 1764k68	mcmaster.com
2	1/8" perforated steel screen 9255T635	mcmaster.com
1	24 x 60 angle iron frame (2x2x3/16 angle)	Local supplier
1	3/8 HP 1725 RPM TEFCBB motor 10-2697	surpluscenter.com
1	gear reducer 13-1578-7.5-56C	surpluscenter.com
1	V belt Ax78	mcmaster.com
1	Pulley A3.0 x 5/8 bore	mcmaster.com
4	rigid casters 1.25 wide x 5" diameter	surplus center.com
8	2 x 4 x 8'	local supplier
4	strut channel 3310T68	mcmaster.com
As needed	miscellaneous hardware	

Fabrication

Weld 2 angle rings together edge to back to form drive belt channel.

Roll screens to proper radius, clamp to angle rings with strap clamps.

Weld to angle rings as necessary, weld or pop rivet screen overlaps

Mount casters to angle iron frame as shown in drawing, assembled screen should rotate freely.

Assemble gear reducer to motor and mount on angle iron frame as necessary to provide proper rotation.

Screen can rotate in either direction, however motor can be reversed if required.

Assemble 2x4 frame as required to meet your needs.