

HCL MACHINE WORKS

15142 Merrill Ave., Dos Palos, CA 93620, TEL: (209) 392-6103 FAX: (209) 392-3000



COMPOST TURNER SPECIFICATIONS

**SOLD
WORLD
WIDE**

CHINA

MEXICO

CHILI

EGYPT

AUSTRALIA

BELIZE

**COSTA
RICA**

INDIA

USA

TRACTOR REQUIREMENTS

Horsepower(PTO)

PTO

Ground Speed Minimum

Transmission Type

10' WINDROW

Minimum 80 HP

540 RPM

10ft. Per Minute

Creeper or Hydro

12' WINDROW

Minimum 110 HP

540 RPM

10ft. Per Minute

Creeper or Hydro

WINDROW

Working Height

Width

Output Capacity
(Depends on ground speed)

60 Inches

118 Inches

1500-1700 Cubic
Yards Per Hour

72 Inches

142 Inches

1800-2100 Cubic
Yards Per Hour

TOW UNIT

Axle

Tongue Jack

Wheels

Tires

Track Width

Frame

Heavy Duty Rear Hitch

20,000 lb. Capacity

10,000 lb. Capacity

8.25 x 22.5, 10 Hole

11 x 22.5 12 Ply

96" Overall

4" x 6" Rect. Tubing

Included

20,000 lb. Capacity

10,000 lb. Capacity

8.25 x 22.5, 10 Hole

11 x 22.5 12 Ply

96" Overall

4" x 6" Rect. Tubing

Included

HOOD

Arch Material

Bottom Beams

Top Sheet Metal

Side Sheet Metal

Pivot Pins-greasable

3" x 5" Rect. Tubing

4" x 10" Rect. Tubing

14 GA

12 GA

1-1/4" Diameter

3" x 5" Rect. Tubing

4" x 10" Rect. Tubing

14 GA

12 GA

1-1/4" Diameter

Web Site: www.hclmachineworks.com

E-Mail: sales@hclmachineworks.com

Material & Specifications are subject to change without notice. All specifications are manufacturer's estimates

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COMPOST TURNER SPECIFICATIONS

Continued

	10' WINDROW	12' WINDROW
<u>TURNING DRUM</u>		
Drum Material	12.75"ODx.330" Thick	12.75"ODx.330" Thick
Shaft Material	2.75" Dia. 1045 Plow	2.75" Dia. 1045 Plow
Bearing	2-7/16" Diameter	2-7/16" Diameter
Bearing Type	Type E Pillow Block	Type E Pillow Block
Teeth – Hard Faced	Qty - 60	Qty - 72
<u>HYDRAULIC SYSTEM</u>		
Lift Cylinder	4" x 30"	5" x 30"
Lift Speed	Adj. With Flow Control	Adj. With Flow Control
Down Pressure		
Protection	Adj. With Relief Valve	Adj. With Relief Valve
<u>POWER TRANSMISSION</u>		
Gear Box	Type T – Heavy Duty With Splined Shafts	Type T – Heavy Duty With Splined Shafts
PTO Shaft	Qty – 2	Qty – 2
Torque Protection	Clutch On PTO Drive Shaft	Clutch On PTO Drive Shaft
<u>WATER MANIFOLD</u>		
Number of Nozzles	Qty – 9	Qty – 11
Water Requirements	180 GPM at 40 PSI	220 GPM at 40 PSI
<u>SHIPPING</u>		
Total Weight (Including Concrete Weights)	12,000 lbs	14,000 lbs
<u>SIZE</u>		
Tow Unit	68"H x 96"W x 179"L	78"H x 96"W x 179"L
Hood Assembly	66"H x 100"W x 162"L	79"H x 100"W x 184"L

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