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**RAYCO Manufacturing, Inc.** was established in 1978 by John M. Bowling and remains a family business today. Mr. Bowling identified the special needs of the tree and landscape industry and began to build equipment to meet and surpass those needs.

No other manufacturer of environmental equipment places as much emphasis on quality engineering as **RAYCO**<sup>®</sup>. Using state of the art Solid Modeling and Finite Element Analysis, RAYCO's engineers provide the best designs the industry has to offer. Extensive product testing follows each of these designs, so when a RAYCO machine reaches the market, you can be assured of its quality and dependability.

The newly expanded 390,000 square-foot facility located in Wooster, Ohio, is the headquarters for manufacturing, engineering, and corporate offices. We are proud to have a strong Ohio-based work force, which takes great pride in their workmanship. These skilled men and women are continuously improving their skills on the job through additional training. They are dedicated to the design and production of the world's most innovative and complete line of environmental equipment.

The current line of RAYCO Environmental Equipment includes: the **LS 2526** log splitter; Mini Work-Force handle bar stump cutters, self-propelled stump cutters in 2 or 4 wheel drive ranging in size from 25 hp gas to 90 hp diesel, tow behind stump cutters; the newly enhanced crawler line consisting of the **C100**, the **C140** prime mover with the stump cutter and mulcher attachments, the **T185** and **T275** prime movers with Hydra-Stumper and forestry mulcher attachments; and the brush chippers from 6" capacity to 20" capacity, with power plants ranging from 25 hp gas to 225 hp diesel.





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to see our equipment  
in action online



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**RC 16.5**

RAYCO brush chippers have value added features built into every machine at an affordable price. Features like VERSA-FEED reversing automatic feed control, powder coat paint, and a Torflex® axle are standard items, not costly options, on every chipper built. RAYCO chippers with a 12" diameter chipping capacity or larger are available with a bolt on hydraulic winch and are equipped with a hydraulic self adjusting clutch that is engaged and disengaged with the push of a button. Easy to maintain, durable, and loaded with standard features RAYCO builds a brush chipper for any job big or small.



Model	RC 6D Gas Powered, Disc Style	RC 6DV
Length	102" (259.1 cm)	102" (259.1 cm)
Width	52.5" (133.4 cm)	52.5" (133.4 cm)
Weight	1,960 lb (889 kg)	2,160 lb (980 kg)
Engine	Kohler 25 hp (18.6 kW)	Vanguard 35 hp (26.1 kW)
Fuel Tank	7.6 gal (28.8 L)	7.6 gal (28.8 L)
Chipping Capacity	6" diameter (15.2 cm)	6" diameter (15.2 cm)
Rotation	360°	360°
Feed Wheel Diameter		
Top Feed Wheel	8" (20.3 cm)	8" (20.3 cm)
Bottom Feed Wheel		
Standard Features	Powder Coat Paint Torflex® Axle VERSA-FEED	Powder Coat Paint Torflex® Axle VERSA-FEED



**RC 20XP**



**RC 12**





**RC 12**  
Diesel Powered, Drum Style

156" / 184" (396.2 cm / 467.4 cm), adjustable  
77" (195.6 cm)  
6,120 lb (2,776 kg)  
CAT 86 hp (64.1 kW)  
24.5 gal (92.7 L)  
12" diameter (30.5 cm)  
360°

20" (50.8 cm)

Powder Coat Paint  
Torflex® Axle  
VERSA-FEED  
PULSE® Infeed Technology  
Self Adjusting Clutch  
Hydraulic Lift Assist



**RC 12Dx**  
Turbo Charged Diesel Powered, Disc Style

178" / 202" (452.1 cm / 513.1 cm), adjustable  
77" (195.6 cm)  
6,500 lb (2,948 kg)  
CAT 115 hp (85.8 kW)  
36 gal (136.3 L)  
12" diameter (30.5 cm)  
360°

16" (40.6 cm)  
6.5" (16.5 cm)

Powder Coat Paint  
Torflex® Axle  
VERSA-FEED  
PULSE® Infeed Technology  
Self Adjusting Clutch  
Hydraulic Lift Assist  
Fuel Saver Mode



**RC 16.5**  
Diesel Powered, Drum Style

178" / 202" (452.1 cm / 513.1 cm), adjustable  
87" (221 cm)  
7,500 lb (3,402 kg)  
CAT 140 hp (104.4 kW)  
50 gal (189.3 L)  
17" diameter (43.2 cm)  
360°

20" (50.8 cm)  
6.5" (16.5 cm)

Powder Coat Paint  
Torflex® Axle  
VERSA-FEED  
PULSE® Infeed Technology  
Self Adjusting Clutch  
Hydraulic Lift Assist  
Fuel Saver Mode



**RC 20Dx**  
Turbo Charged Diesel Powered, Drum Style

228" / 240" (579.1 cm / 609.6 cm), adjustable  
88" (223.5 cm)  
12,000 lb (5,443 kg)  
John Deere 225 hp (167.8 kW)  
60 gal (227.1 L)  
20" diameter (50.8 cm)  
360°

24" (61 cm)  
9.25" (23.5 cm)

Powder Coat Paint  
Torflex® Axle  
VERSA-FEED  
PULSE® Infeed Technology  
Self Adjusting Clutch  
Hydraulic Lift Assist  
Fuel Saver Mode



# POWDER COAT FINISH

## The RAYCO Difference

### **Fuel Saver Technology:**

The fuel saver system is on all machines with an electronic engine (**RC12D<sub>HP</sub>** thru **RC 20<sub>HP</sub>**). It allows the operator to control the throttle of the machine from the feed control bar at the in-feed table. If the feed control bar is left in the neutral position for sixty seconds the engine will automatically decelerate to an idle. The engine will remain at an idle until the feed control bar is pulled toward the operator to re-engage the feed wheels at which time the engine will resume full rpm.

### **Hydraulic Lift Assist:**

Hydraulic lift assist raises the top feed wheel with the push of a button. This is a nice feature to have as it provides access to the in-feed of the chipper. A safety bar is provided to keep the feed wheel in the up position when doing maintenance.

### **Powder Coat Paint:**

In 2002 RAYCO made a substantial investment purchasing a powder coat paint system. All parts and machines go through a five stage process that takes about 3 hrs from start to finish. The result is the very best finish money can buy. Powder coat paint will outlast automotive type finishes two to one and a powder coat finish will keep your RAYCO machine looking good for many years to come.

### **PULSE<sup>®</sup> - Hydraulic Down Pressure System:**

RAYCO's patented hydraulic down pressure system will take the need to have someone stand by the in-feed table and operate the down pressure lever away. Every three seconds the hydraulic system applies crushing down pressure automatically. Stubborn material is no longer insurmountable with the PULSE<sup>®</sup>.

### **Self-Adjusting Hydraulic Clutch:**

The hydraulic clutch is maintenance free never needing adjustment. Push button design allows operators to engage and disengage with the push of a button. Unlike conventional clutches that need manual adjustments made as the pressure plates wear, a hydraulic clutch retains constant hydraulic pressure to the back of the pressure plate so no adjustment is needed.

### **Torflex<sup>®</sup> Axle:**

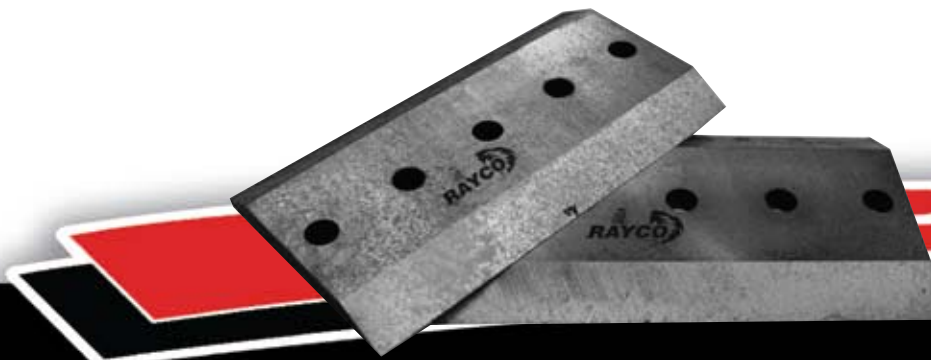
The Torflex<sup>®</sup> axle acts as a shock absorber providing a smooth towing experience. Once you have it you will never tow a machine again without it.

### **VERSA-FEED - Reversing Automatic Feed Control:**

The most advanced automatic feed control available. When the engine rpm's drop below a certain point the feed wheel/wheels will stop and back the wood away from the disc/drum allowing the engine to recuperate faster. When the engine rpm's reach the desired level the feed wheels automatically re-engage and continue feeding.

**VERSA-FEED**  
Reversing Automatic Feed Control

**PULSE<sup>®</sup>**  
Infeed Technology



OUR QUALITY GOES ALL THE WAY THROUGH!  
RAYCO uses the highest quality chipper knives available.



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