

SMALL PROCESSOR



TAJFUN®

Manufacturer

Tajfun Planina d.o.o.
U.S. Distributor: OESCO
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Conway, MA 01341
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Machine Operator

Andrew Dulude

Assistant

Howard Boyden

Time

15 min. 52 sec.

Cords Processed

1.5 Cords

Cords/Hour

5.67 Cords

Tajfun RCA 480 JOY

“**T**he [Tajfun] RCA 480 Joy is a real beast,” exclaimed Andy Dulude, who operated the machine on the Friday afternoon Shoot-Out. The RCA 480 Joy is Tajfun’s largest firewood processor. Even though it is compact in design, it is capable of handling logs up to 19 inches in diameter. Like the other Tajfun Joy processors, the RCA 480 uses a simple electric-over-hydraulic joystick input to control all functions.

Although the unit is designed to be moved by a forklift or a 3-point hitch on any tractor with enough brawn to lift the 2,384-pound machine, Tajfun dealer Howard Boyden of OESCO Implements brought it into the Shoot-Out arena on a dual-axle mobile platform that Tajfun USA designed to make it even more portable. Once the unit was in place, all he had to do was unfold the 10-foot, 2-strand folding live deck, infeed conveyor, and lower the 13-foot outfeed conveyor. The mobile platform is DOT compliant with lights and electric brakes. The system also

has provision for a PTO power source, in the form of a 37-hp Kohler engine that fits to the 3-point-hitch attach points on the processor. “It has a 1:7 gear ratio, so when the shaft is turning at its rated 450 rpms, the engine is running at an easy 3,150 for good performance and fuel economy.”

The 13-foot outfeed conveyor has a 15-degree swivel right or left, allowing it to fill multiple bags with firewood or reach the edges of a trailer. A minor jam caused by a wayward firewood chip temporarily brought it to a halt, but Andy soon had it running again. “All we had to do was to raise the elevator, loosen the belt, and back it out,” he explained. “It is all done with hydraulic controls, so it wasn’t an issue. That’s the real world, and I don’t mind people seeing how we deal with it,” he added.

The Joy series of Tajfun firewood processors all work with a similar operating system. The electric-over-hydraulic joystick is reliable and easy to troubleshoot. Pushing the joystick left or right controls the infeed convey-



or. An adjustable stop makes sure the wood is cut to the proper length. One movement on the joystick starts the clamping and cutting cycle, and another initiates the autosplit, pushing the wood through the 6-way wedge with 25 tons of force with a 3.5-second cycle time. For simplicity, the chain saw cutoff is driven by a serpentine belt through the gearbox. "The machine is pretty low maintenance," noted Howard. "The only consumable parts are the cutting chain, bar, serpentine belt,

and the bar chain oil line." He also commented on the safety of the machine, noting that it complies with both OSHA and CE (European) safety regulations.

Howard describes the users of the Joy firewood processors this way: "About half of the people who buy this unit are cutting firewood for themselves and their neighbors, and half are cutting firewood to sell. Some of them run two shifts per day and cut thousands of cords per year. They're made to run!" •



MACHINE SPECS

Model.....RCA 480 JOY
 Power37-hp Kohler
 Cutoff24-in.
 bar chain saw, 0.404 gauge
 Cycle time.....3.5 sec.
 Log loadingLive deck
 Max diameter19 in.
 Options used.....GP 35
 engine drive unit,
 RN 1500 F live deck

✦ 40" CIRCLE SAW Firewood Processor ✦

1620 SS Firewood Processor

WITH PATENT PENDING
Guillotine Design



Innovative hydraulic wedge w/ wedge spring



44 & 47 hp Turbo diesel engines



OPTIONS AVAILABLE

- 15', 20', or 30' conveyors
- Premium Operator Seat
- Night Light Package
- 4, 6, 8-way wedges
- Extended Warranty

**FASTEST,
 STRONGEST,
 MID-SIZE
 WOOD PROCESSOR
 ON THE MARKET**

STANDARD FEATURES

- 40 Inch Insert Tooth Circular Saw
- 70 gallon steel hydraulic tank
- 20 gallon steel diesel tank
- Joystick controls
- 3-strand log deck
- 18 In x 20 ft long log capacity

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