

SMALL PROCESSOR



HAKKI PILKE
▶ JOIN THE WINNING TEAM

Manufacturer

Maaselan Kone Ltd.

Distributor:

J.S. Woodhouse Co.

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West Springfield, MA

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www.hakkipilkeusa.com

Machine Operator

Timo Jussila

Assistant

Richard Garretson

Time

20 min. 47 sec.

Cords Processed

1.5 Cords

Cords/Hour

4.33 Cords

Hakki Pilke 43 PRO

Without a doubt the folks in Finland take their firewood seriously, and they come by their experience in heating with wood through centuries of surviving brutal winters where survival depends on a bountiful supply of firewood. The Hakki Pilke 43 Pro carries on this heritage with a compact firewood processor with a surprising capacity. Timo Jussila came from Haapajärvi, Finland, to demonstrate the machine with the assistance of Richard Garretson, a firewood producer and Hakki Pilke owner from New Lebanon, Ohio. “The Model 43 is a popular model in the U.S.,” Timo noted. Capable of handling logs up to 17 inches in diameter and producing firewood up to 24 inches long, the Hakki Pilke 43 should be able to accommodate the needs of most firewood producers on both sides of the Atlantic.

The Hakki Pilke team ran an 8-way wedge, which produced good-quality, consistent-size firewood. Normal power is either 15 kW (20 hp) electric or a minimum 35 hp provided by a

tractor power takeoff. At the Shoot-Out, they used a geared-down 35-hp Vanguard engine to drive the processor’s PTO input.

Timo noted that the 43 ran without any time-outs. Part of this, no doubt, was due to his experience with the machine, but he also credits the design and engineering. “The 43 is a fast machine with any diameter of wood,” he explained. A pair of guide plates, for example, straighten out the wood before dropping it into the splitting chamber. Since they hold the wood until the splitter retracts, they optimize the cutting and splitting process—though with a 3.2-second splitting cycle time, they don’t have to hold the wood for long. The guide plates also hold the last piece of firewood so it falls straight at the right time. Although he did not have to replace the chain during the Shoot-Out, Timo noted that the new AC 10 hydraulic chain tensioner allows the operator to swap chains without tools in about 30 seconds—a real plus in a production setting.

The combination of an electric-over-hydraulic joystick and straight

hydraulic valves gives the operator good control over all phases of the process with a very short learning curve. Most production functions—advancing the log, clamping, splitting, and wedge height—are performed by moving the joystick, squeezing the trigger, or pressing one of its two buttons. A straight hydraulic valve controls the live deck and bidirectional outfeed conveyor. All moving components, including the cutoff saw are hydraulically driven. To meet both OSHA and CE safety standards, opening the safety

shield shuts all unsafe features off. Hakki Pilke dealer Tom Brown of Brownwood Sales, Columbus, Ohio, provided the Hakki Pilke processors for the Shoot-Out, and sold several at the Paul Bunyan Show. One customer was Richard, who assisted Timo running the 43 at the Shoot-Out. “I have a [Hakki Pilke] 38. but now that I’ve worked with the 43, I’m upgrading to that,” he said. “That’s the great thing about the show. You can look online and see the equipment, but that doesn’t compare to watching them work in person!” •



MACHINE SPECS

Model.....43 PRO
 Power35-hp Vanguard
 Cutoff18-in. bar chain saw, 0.063 gauge
 Cycle time.....3.2 sec.
 Log loadingLog deck, log lift
 Max diameter17 in.
 Options usedHakki Pilke 472 log deck, large outfeed conveyor, sawdust blower

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