

FIREWOOD MACHINES

**Semi and Fully Automatic Firewood
Machines for Bagging or Bulk**



Transaw 350™



Fuelwood have 20 years experience in the design and manufacture of Firewood machines. Our unrivalled range and knowledge of Log and Kindling production allows you to choose the Fuelwood machine that is right for your needs.

Fuelwood Factory™



Designed and Manufactured in Britain

FUELWOOD

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TRANSAW 350TM



SEMI - AUTOMATIC FIREWOOD PROCESSOR *Transform your firewood production with a TransawTM*



Automation timber grip with 'No grip - No Saw'

Transaw 350TM is fitted with a circular saw that has a cutting capacity of 14 inches, and also has a 15-tonne semi-automatic splitting unit. The machine is operated via a control lever with a trigger to activate the splitting unit, this enables the operator to make a visual check to ensure the log is correctly aligned before splitting.

The log is moved to the cutting position on the hydraulic in-feed conveyor. The log length is set on an adjustable laser beam. When the log breaks this beam the feed conveyor stops and a hydraulic clamp locks the timber. The saw blade then moves through the timber, retracts after cutting and the cut timber is then moved via a tilt and pushing action to the splitting chamber. This action minimises the possibility of the log falling sideways and designed specifically for processing short logs. The multi-splitting knife is adjustable 2/4/6/8-way split this can also be raised fully up if no splitting is required. The finished log length can be quickly adjusted from 6 to 20 inches. The splitting chamber is also equipped with a log ejection mechanism.



Finger tip controls for all functions and cutting speed



3 metre long infeed conveyor suits manually front loading or hydraulic powered timber deck

The machine is fitted with a 4 or 5 metre out-feed conveyor, which has hydraulic lift and slew features. Both the in-feed and out-feed conveyors fold up for transport.

Transaw 350TM is pto driven, weighs c.1800Kg and requires a tractor of c.50 horsepower. An electric version is also available. The machine utilises the latest quiet hydraulic drive systems and in particular a hydraulic saw drive, which is quiet in operation and when switched off becomes a brake stopping the saw in a few seconds. The system does not use conventional drive belts ensuring low maintenance and low cost of ownership.



Ejection system for off cuts or short rings



Designed to process short logs down to 6"

The machine is fitted with a 4 or 5 metre out-feed conveyor, which has hydraulic lift and slew features. Both the in-feed and out-feed conveyors fold up for transport.

Conveyors folded for transport by tractor 3-point linkage



Hydraulic Timber deck Options:-
2 metre x 2 chain with 4 metre storage ramp.
3 chain deck with singulator 2 - 4 or 6 metres.



2-4-8 way splitting knife.

- New Features for 2010**
- Fast 2 speed splitting
 - New 2-4-6 way splitting knife
 - Increased log length to 55cm (22")
 - "No grip - No Saw" Technology
 - New 5 metre conveyor option
 - Road towable unit with diesel engine.

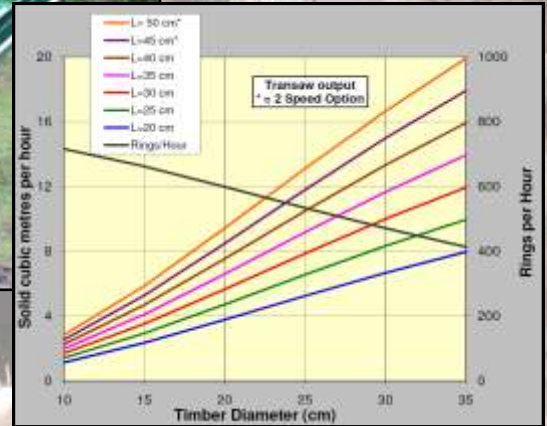


2-4-6 way splitting knife.

Designed and Manufactured in Britain



Transaw 350 XL™



Transaw 350 XL™

- Increased log length to 55cm (22")
- Fast 2 speed splitting

Design Features

- CIRCULAR Ø880TCT SAWBLADE
- DESIGNED TO PROCESS SHORT LOGS TO MINIMISE TWISTING LOGS
- Ø14" (355mm) CUTTING CAPACITY
- 15 TON SPLITTING CAPACITY WITH 2 SPEED*
- AUTO TIMBER GRIP with 'NO GRIP - NO SAW'
- LOGS UP TO 22" LONG*, ½ STROKE FOR SHORT LOGS
- LONG FOLDING 3m INFEED CONVEYOU THAT CAN BE MANUALY LOADED FROM THE FRONT OR USED IN CONJUCTION WITH A HYDRAULIC POWERED LOG DECK
- FOLDING HYDRAULIC 4 or 5m OUTFEED CONVEYOU WITH HYDRAULIC LIFT AND SLEW
- ADJUSTABLE MULTI-SPLITTING KNIFE 2-4-6 OR 2-4-8 ALL IN ONE KNIFE NO NEED TO CHANGE KNIFES FOR DIFFERENT DIAMETER TIMBER
- SPLITTING KNIFE HYDRAULICALLY RAISES COMPLETEY SO RINGS DO NOT NEED TO BE SPLIT
- RING EJECTION SYSTEM
- POSITIVE HYDRAULIC DRIVE - NO BELT TO MAINTAIN, LOW MAINTENANCE - QUIET - BRAKED FOR SAFETY
- PTO DRIVE – 50HP TRACTOR OR 23kw ELEC-TRIC
- SEPARATE CROSS CUTTING & SPLITTING FUNCTIONS
- COMPACT FOR TRANSPORT
- OPTIONS – ELECTRIC DRIVE & TIMBER DECK
- BRITISH DESIGN AND MANUFACTURE
- SAFETY - TYPE APPROVED BY LLOYDS REGISTER

* -XL

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Transaw 350 (m ³ /hour)						
Ring Length (cm)	Ring Diameter (cm)					
	10	15	20	25	30	35
20	1.13	2.34	3.77	5.24	6.66	7.96
25	1.41	2.93	4.71	6.55	8.33	9.95
30	1.69	3.51	5.65	7.86	9.99	11.94
35	1.97	4.10	6.59	9.18	11.66	13.93
40	2.25	4.68	7.53	10.49	13.33	15.92
45	2.53	5.27	8.47	11.80	14.99	17.92
50	2.81	5.85	9.42	13.11	16.66	19.91
Cycle Time (secs)	5.03	5.43	6.01	6.74	7.64	8.70
Rings per Hour	716	662	599	534	471	414

Specifications	Transaw 350™	Transaw 350 XL™
Saw Blade	Ø880mm TCT	
Splitting Force	15 tons	
Cutting Capacity Ø	14" (355mm)	
Max log Length	18" (455mm)	22" (555mm)
Infeed Conveyor Length	3000mm	
Output Conveyor	4000mm std or 5000mm option	
Conveyor Slew Angle	10°-0-10°	
Splitting Blade	2-4-8 std or 2-4-6 option	
Power requirements	50-hp and 12 volt dc tractor, or 3 phase electric 23kw motor	
Hydraulic timber deck connections	1/2" quick release for infeed rollers and 1/2" quick release for infeed chains	
Oil Tank volume	130 litres	
Machine Weight	1800 to 2200kgs	
Working Dimensions	7.3x2.4x2.1m (LxWxH)	8.5x2.4x3.0m (LxWxH)
Transport Dimensions	2.7x2.4x3.1m (LxWxH)	2.8x2.4x3.3m (LxWxH)
Warranty	1 Year	

FUELWOOD FACTORY™



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GUARANTEED SECTION SIZE

Fully Automatic Logs and Kindling Machine Ideal for Bagging

Bagging systems for high volume markets

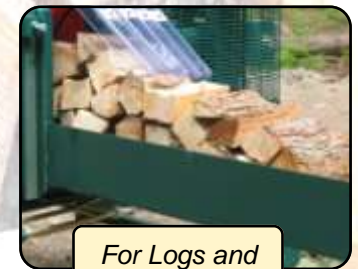
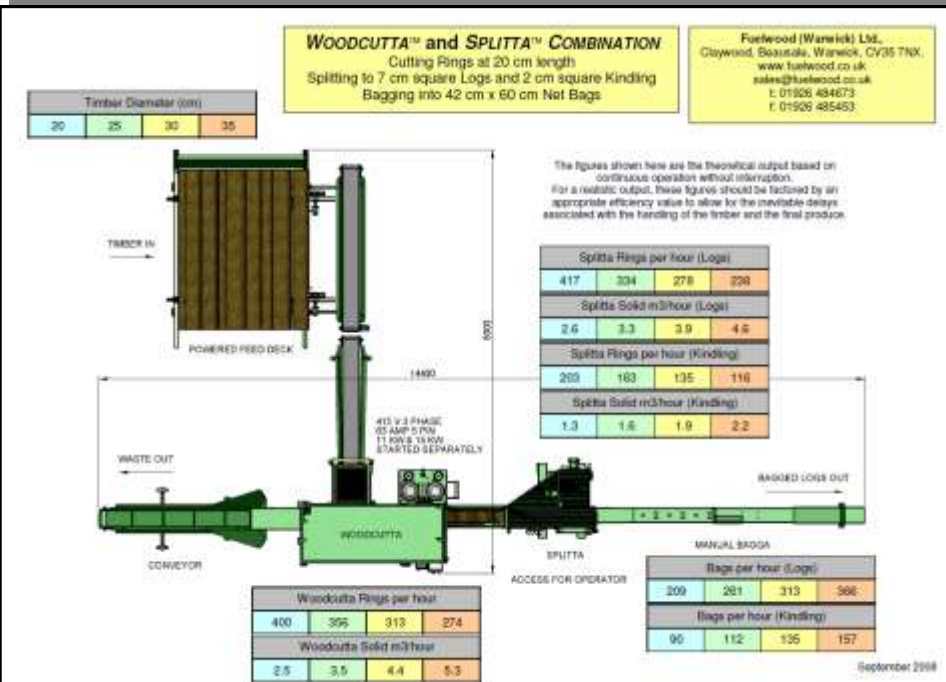


Fuelwood Factory is a combination of Woodcutta™ and Splitta™ to create a fully automated arrangement for converting timber lengths into split logs or kindling. Various options are available to extend the capability of the line-up.

Woodcutta™ converts the timber into cut rings using a hydraulic chainsaw and then passes these rings to Splitta™. The rings are then converted to split produce of consistent section size regardless of ring diameter. This section size can be easily and quickly adjusted right down to or to kindling size. The output is then presented for bulk loading or for bagging into net bags.

Options available include -

- Powered Feed Deck to transfer timber lengths to Woodcutta
- Output Elevator to convey split produce into bulk containers
- Manual Bagga to allow bagging of split produce



As part of a process of continual product improvement, specifications may change without notice september 2010-a

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