

KINDLING MACHINES

**Fully Automatic Kindling Production
Machines for Bagging or Bulk**



*High Output Automatic
Quiet - Safe*

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



*Unique 'X' Blade ensures high volume,
consistent, high quality Kindling*

*Bagging systems for
high volume markets*



Designed and Manufactured in Britain

FUELWOOD

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KINDLET™

Fully Automatic Kindling Production Machine



Timber Off-cuts and Round Logs In - Kindling Out



Low value Off-cuts and Round wood turned into..



High Value Kindling

Operation:

The **KINDLET™** converts timber off-cuts and round logs into kindling.

It operates fully automatically from a simple electrical supply. The operator only needs to feed the machine with timber to the required specification and bag-off the kindling produced at the output chute. The speed of the machine is fixed.



A full Operating Manual is provided with each machine with tips on how to get the best out of it.

The machine is fully guarded to ensure operator safety and yet the operation of the machine can be clearly observed and monitored.

Power Supply:

The **KINDLET™** is powered from standard 240 volt single phase electrical supply rated to 16 amp. Also 415V 3 phase and Tractor hydraulic c/w 12V DC supply

A built in hydraulic power pack converts the electrical power to the hydraulic pressure and flow required to drive the machine.



Unique 240 volt single phase electric

Specification Model AKM-200

Overall Dimensions:

Length 2000 mm (79") (Bare machine)
Length 3000 mm (118") (+Output chute)
Length 2610 mm (103") (+**ROTABAGGA™**)
Width 1100 mm (43.5")
Height 1250 mm (49.0")
Weight 365 Kg (805 lbs)

Power Supplies:

240v 1 Phase 2.2 kW 16 amp
415v 3 Phase 2.2 kW 16 amp
Tractor Hydraulic - Min Flow 15 lpm 180bar and 12 VDC supply

Timber Input:

Off-cuts Any up to 200 mm (8") square
Round logs 200 mm (8") maximum diameter
Length 140 mm to 165 mm (5.5" to 6.5")

Timber Output:

1 Phase peak :- 1.3 solid cubic metres/hour
3 Phase peak :- 1.3 solid cubic metres/hour
Tractor hyd peak :- 1.5 solid cubic metres/hour

Average Bag Outputs: Using **Rotabagga™**

1 Phase 80-100 bags hour
3 Phase 80-100 bags hour
Tractor Hyd 100-120 bags hour

MANUAL BAGGA™
Option



ROTABAGGA™
Option

Output up to 80 nets/hr

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KINDLETTM Pro



Professional, High capacity, Kindling Machine



- Powerful high performance hydraulics
- Processes up to 25cm diameter timber
- Fast - up to 1.2 second cycle time
- Can produce up to 150 nets/hr
- Adjustable lengths 15,20,25,29cm
- Control of section size whilst operating
- Processes Round or Off Cut wood
- Extended infeed conveyor/storage chute gives over 2.5 metres of timber to be processed.
- High performance Oil Cooler as std.
- Proven X-Blade design and optimised conveyor system ensure smooth work flow
- British Design - British Manufacture
- Bagging systems for aligned or loose fill nets
- Drive Options - Electric 3 phase
- Tractor PTO - External hydraulics



Off-cuts or
Round wood



MANUAL BAGGATM



RotabaggaTM Option



15, 20, 25, 29cm length kindling,
From one machine

Operation:

The **KINDLET PROTM** converts timber off-cuts and round logs into kindling.

The Big brother to the Kindlet, has a larger timber capacity and higher output. Suited to the professional user, Kindling can be adjusted from 15cm—29cm lengths. The Unique X-Blade design ensures a consistent quality output. Section size of Kindling is adjusted simply from controls on front of machine.

KINDLET PROTM is fully guarded with safety interlocks to gain easy access to the machine.



The **KINDLET PROTM** uses modern hydraulics giving quiet and reliable operation.

Bagging options are from the standard bagging chute supplied with every machine for filling of standard nets, the **ROTABAGGATM** for filling loose filled nets or bags, three bagging stations allowing a full bag to be unloaded, an empty bag to be positioned while the machine is filling the other bag. **MANUAL BAGGATM** With its extended long chute provides space for fast and efficient packing of aligned kindling ideal for the high volume market.



Specification Model AKMPRO-250

Overall Dimensions (excl bagging and feed chute):

Length 2715 mm (107")
Width 1380 mm (54.3")
Height 1405mm (55.5")
Weight 800 Kg (1545 lbs)

Models:

Electrical - 415v 3 Phase 7.5 kW
Tractor PTO - 15 hp Min and 12 volt supply
External Hydraulics - Min Flow 24 lpm 180bar
and 12 VDC supply

Timber Input:

Off-cuts
Any up to 25 cm (10") height
Round logs
25 cm (10") maximum diameter
Length
15 cm to 29 cm (6" to 11.5")
adjustable in four stage Kits

Timber Output:

Maximum 2.5 solid m³/hour (150 bags/hour)
approx 50 to 60 bags/solid m³
(bag size 45 cm x 60 cm)

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SPLITTA™ Fully Automatic Logs and Kindling Machine Ideal for Bagging



For Logs and Kindling



Optional Infeed CONVEYA™ for full or split rings



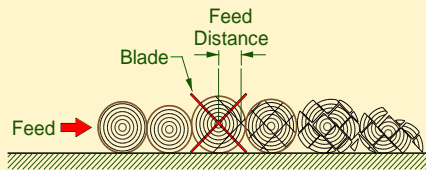
Output up to 100 nets/hr Kindling
240 nets/hr Logs

Operation:

SPLITTA™ takes round logs up to 14" diameter and converts them into split firewood or kindling at rates over 7 cubic metres of solid timber per hour automatically!



The Unique splitting blade in the form of an 'X' is pushed into the end grain of the log. The blade is then retracted and the log fed sideways by a controlled distance. The cycle is then repeated.



The machine can be adjusted from producing firewood to kindling in a matter of seconds and the size of firewood or kindling can be set to between 15 to 120 mm square section.

Specification Model ASM-360

Overall dimensions:
 Length 2000mm (excl. both chutes)
 2275mm (excl. output chute)
 3500mm (incl. both chutes)
 Width 1340mm
 Height 1500mm
 Weight 625kg includes(3 point link, lifting point & forklift pockets)

Hydraulic supplies:

Minimum 30 lpm @ 150 Bar
 Maximum 45 lpm @ 200 Bar

Hydraulic services required:

1/2" quick release female coupling for pressure
 3/4" quick release female coupling for return

Timber Output:

Split section Size :- 15mm to 120mm

Option extras:

Manual Bagga™	Set at 6", 8" or 10"	Length:-5100mm
Infeed Conveya™	Set at 6", 8" or 10"	Length:-2450mm
Outfeed Conveya™	For bulk production	Length:-3000mm
Conversion Kits	Ring length 6" 8" 10"	
Power packs :	Electric 415V 9.2kw - 39ltr min @ 180 bar	
	PTO 3 point linkage - 45ltr min @ 180 bar	

Throughput @ 40 lpm and 360mm diameter
 Firewood:- 7.8 cubic metres/hour solid timber

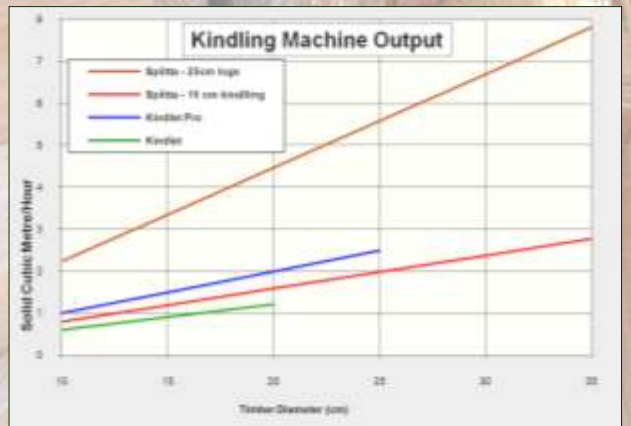
SPLITTA™ Is ideal for high volume production of bagged logs.



The X-blade produces consistent size logs, with no need to re-split any large pieces!

Outputs:

From customer feed back they have achieved an average of 120 nets per hour with 2 persons bagging with wood cut to 8" length using the MANUAL BAGGA™ into nets 42x60cm. SPLITTA™ will produce more logs than can be bagged. So by applying more staff to the bagging operation you can increase the production of nets.



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As part of a process of continual product improvement, specifications may change without notice May 2011-a

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