



MORBARK AUSTRALIA



Equipment Catalogue

Manufacturing Equipment Since 1987

Contents

Page 2	15/71 Debarker
Page 3	15/100 Debarker
Page 4	530 Post Peeler
Page 5	530 Post & Pole Peeler
Page 6	Stationary Chippers
Page 7	Chip-Pacs
Page 8	Vibrating Conveyor
Page 9	Re-Chipper
Page 10	Other Equipment
Page 11	Lako Harvesting Heads - 3 Series
Page 12	Lako Harvesting Heads - 5 Series
Page 13	Spare Parts
Page 14	Notes



15/71 Debarker

Features

- 508mm trough-type infeed conveyor with WD-110 chain and hydraulic drive
- 508mm trough-type outfeed conveyor with WD-110 chain, hydraulic drive and outfeed dump
- Dumps either right or left
- Front yoke set at 10° or 16°
- Hydraulic shoe for bark removal depth
- Hydraulic top wheel is adjustable & backwheel is fixed
- Table lock assembly



Specifications

General

Length (includes infeed and outfeed sections) _____ 13.mt
Width (debarker section) _____ 3.5mt
Height (debarker section) _____ 3.1mt
Weight (debarker section) _____ 3650kg
Infeed weight (standard) _____ 2300kg
Outfeed weight (standard) _____ 2050kg
Handles Material _____ 150mm - 710mm diameter
Production _____ Up to 18mt/min
Engine type _____ Electric
Horsepower _____ 50 HP, 75 HP or 100HP
Auxiliary Power _____ 50 HP or 2 x 30HP

Options

Trough conveyors constructed from 16mm panning in lieu of 12mm 330mm track type chain in lieu of WD-110 20mm UHMW Duralite wear strip mounted in Conveyor pan for chain to ride on.

Elevated operator's console, complete with access ladder, seat, and hose hook-up All weather operators' cab. Cab is 1.4mt wide x 1.5mt long x 2.05mt all and includes two (2) side windows for cross ventilation Side mounted combination air conditioner/heater Hoses are provided to position operator's console approximately 1.20mt from the debarker center section.

Cab positions requiring longer hoses are available. Longer outfeed or infeed trough auxiliary Hydraulic Pumps operated off 50- HP or two 30hp Electric Motor (motor not included) to facilitate independent drive on infeed and outfeed conveyors and to operate additional material handling equipment (note: this makes all hydraulics separate from cutterhead) 16° Yoke setting for high speed debarking up to 16" diameter.



15/100 Debarker

Features

- 508mm trough-type infeed conveyor with WD-110 chain and hydraulic drive
- 508mm trough-type outfeed conveyor with WD-110 chain, hydraulic drive and outfeed dump
- Front yoke set at 10° or 16°
- Hydraulic shoe for bark removal depth
- Hydraulic top wheel and backwheel adjustable to log diameter
- Hydraulic spiral control for debarking speed
- Table lock assembly



Specifications

General

Length (includes infeed and outfeed sections) _____ 16.3mt
Width (debarker section) _____ 3.5mt
Height (debarker section) _____ 2.6mt
Weight (debarker section) _____ 3650kg
Infeed weight (standard) _____ 2300kg
Outfeed weight (standard) _____ 2750kg
Handles Material _____ 15cm-100cm diameter
Production. _____ Up to 18mt/min
Engine type. _____ Electric
Horsepower _____ 50 HP, 75 HP or 100HP
Auxiliary Power _____ 50 HP or 2 x 30HP

Options

Longer or shorter outfeed with WD-110 chain 10,000 Series conveyor drive in lieu of standard 330mm x 20mm UHMW Duralite wear strip for infeed and outfeed conveyors 480mm x 20mm UHMW Duralite wear strip for infeed and outfeed conveyors Hydraulic oil temperature and level control Hydraulic oil tank heater all weather operator's cab.

Cab is 1.30mt wide x 1.40mt long x 2.05mt tall and includes two side sliding windows for cross ventilation Side mounted combination air conditioner/heater unit for cab enclosure

Heavy duty underneath Waste Conveyor Hoses are provided to position operator's console approximately 1.2mt from the debarker center section. Cab positions requiring longer hoses.

Center Section ONLY, complete with all standard equipment 16° Yoke setting for high speed debarking up to 508mm diameter logs Hydraulic powered raise and lower of outfeed conveyor Veneer package: 6° top yoke, Veneer cutterhead and table, modified back and top wheels

530 Post Peeler

Options

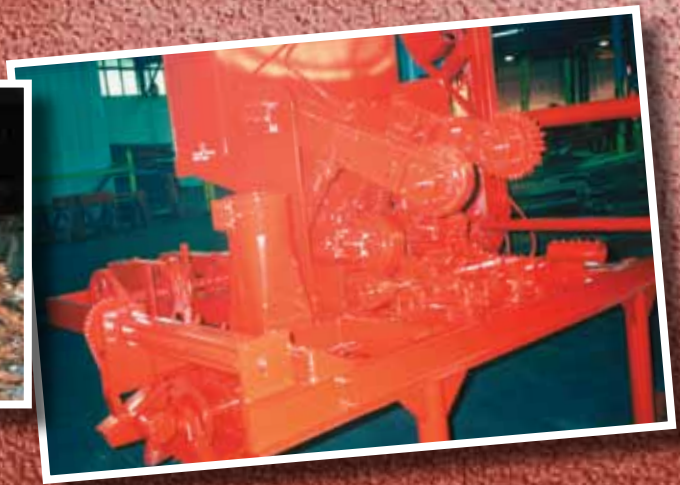
530 Stationary Post Peeler

- Bark blower and feed auger for waste removal complete with drive, elbow blowpipe and connection collar
- Blowpipe 200mm x 250mm extension section with connecting collar
- Hydraulic powered outfeed roll
- Portable conversion package includes hitch & wheels

Options

530 Portable Post Peeler

- Bark auger and blower



Standard Equipment

530 - Stationary Post Peeler

- Center section complete with debarking Mechanism, combination
- Carbide teeth and planer knife cutterhead.
- Hydraulic feed wheel drive
- Stationary infeed and outfeed wood rests
- Hydraulic controlled infeed shoe
- Hydraulic top yoke

Standard Equipment

530 - Stationary Post Peeler

- Peeler mechanism including planer type cutterhead with rubber tired outfeed wheel
- Hydraulic drive
- Stationary infeed and outfeed wood rest
- Hitch and wheels

Specifications

General

530 - Stationary Post Peeler

Power _____ Electric, diesel or PTO
Production _____ Up to 2000 x 2.4mt posts in 8 hour shift
Capacity _____ 50mm - 300mm diameter , 1.8mt - 3.65mt long
Weight _____ 5000kg
Length _____ 2.4mt
Width _____ 2.35mt folded, 4.12mt open
Height _____ 2.03mt
Discharge _____ Bark auger & blower
Debarker type _____ Cutterhead debarks ,then planes

General

530 - Portable Post Peeler

Power _____ Electric, diesel or PTO
Production _____ Up to 2000 x 2.4mt posts in 8 hour shift
Capacity _____ 50mm - 300mm diameter , 1.8mt - 3.65mt long
Weight _____ 1900 -2400kg
Length _____ 3.18mt
Width _____ 2.35mt folded, 4.12mt open
Height _____ 2.08mt w/o blower, 2.66mt w/ blower
Discharge _____ Bark auger & blower
Debarker type _____ Split cutterhead debarks, then planes



530 Post & Pole Peeler

Standard Equipment

- Center section complete with debarking mechanism, combination carbide teeth and planer knife cutterhead with hydraulic table lock assembly
- 6mt infeed conveyor section with kicker assembly and hydraulic drive
- 6mt outfeed conveyor section, hourglass roll design, with 2-way kicker assembly and hydraulic drive
- Hydraulic controlled infeed shoe and top yoke assembly
- Support legs 990mm from bottom of leg to top of infeed conveyor section
- Motor base (specify frame size) and V-belt drive



Specifications

General

Power _____ Electric, diesel or PTO
Horsepower _____ 50 HP
Production _____ Up to 12 m/mm
Capacity _____ 50mm – 300mm diameter , 1.8mt-7.6mt long
Weight _____ 5000kg
Length _____ 7.6mt infeed/outfeed accommodates 9mt material
Width _____ 3mt
Height _____ 2.5mt w/blower, 2.2mt w/o blower
Discharge _____ Bark auger & blower, barn sweep
Debarker type _____ Split cutterhead debarks, then planes

Options

- Machine to accommodate 9.0mt poles (7.6mt infeed, 7.6mt outfeed)
- Bark blower and feed auger for waste removal complete with drive, elbow blowpipe, and connection collar
- Blowpipe 20cm x 25cm extension section with connecting collar 530 center section
- Infeeds and outfeeds sold separately (complete with drive)
- Elevated operator's console, complete with access ladder, seat, + hose hookup.
- All weather cab (operator's console must be added when ordering cab)
- Side mounted combination air conditioner/heater unit for cab enclosure.

Stationary Chippers

Options

- (6) steel chipper support legs to accommodate 1.5mt elevation to bottom of infeed spout
- Transition piece for 48", 58", and 66" chippers to go from square discharge to round blowpipe.
- 250mm - 300mm round blowpipe straight pipe
- Hydraulic telescoping swivel discharge spout. (requires auxiliary hydraulic power supply to operate)
- Hydraulic hood opener includes cylinder and lugs. Does not include hydraulic power supply to valve to operate same. (Available for 75", 83", and 96" chippers)
- Manual swivel discharge spout. (includes transition piece)
- 300mm Black Blowpipe with 10mm wall thickness bent 90 degrees. Height is 1.2mt and length is 2.3mt
- Feed wheel assembly for 75" & 83" chippers includes hydraulic drive, forward and reverse controls for drive wheels and controls to raise and lower feed wheel assembly. (requires hydraulic power supply from another source)
- 100mm Thick chipper fronts Heavy duty fan blades with T-1 inserts
- 130mm thick chipper disc



Specifications

96" Chipper

Capacity	760mm round wood
Length	2.65mt
Weight	14,000kg
Width	1.9mt
Height	2.65mt

83" Chipper

Capacity	685mm round wood
Length	2.35mt
Weight	8700kg
Width	1.6mt
Height	2.3mt

75" Chipper

Capacity	560mm round wood
Length	2.10mt
Weight	7100kg
Width	2.05mt
Height	2.15mt

66" Chipper

Capacity	460mm round wood
Length	2.10mt
Weight	5000kg
Width	1.75mt
Height	1.9mt

58" Chipper

Capacity	380mm round wood
Length	1.70mt
Weight	3800kg
Width	1.50mt
Height	1.65mt

48" Chipper

Capacity	380mm round wood
Length	1.7mt
Weight	3800kg
Width	1.7mt
Height	1.65mt

Chip-Pacs

Features

- Screen mounts above chipper for no wasted space
- 1.5m x 1.5m screen is utilized on 48" Chip-Pac; 1.8m x 1.8m screen utilised on 58" Chip-Pac
- Acceptable chips are able to be discharged on either side of the Chip-pac
- Flexible rods support the screen-no knuckle joints are used

Optional Equipment

58" Chip-Pac

- 3-HP fines blower with 3-HP electric motor mounted on swivel base
- Hydraulic 10-HP, 30HP, 40HP chip blower mounted on swivel base with single "S" pipe
- Valve for dual loading
- Convert horizontal feed to drop feed chipper
- Convert 3-knife to 4-knife or 6-knife chipper

48" Chip-Pac

- 3-HP fines blower with 3-HP electric motor mounted on swivel base
- 10-HP electric chip blower with 10-HP electric motor mounted on swivel base with single "S" pipe
- 30-HP electric super blower with 30-HP electric motor mounted on swivel base with single "S" pipe



Specifications

48" Chip-Pac

Power _____ 75 – 150 HP Electric or diesel
Capacity _____ 28cm diameter
Options _____ 3, 4 or 6 knives
Weight _____ 5080kg
Width _____ 193cm x 178cm
Height _____ 234cm
Space Required _____ 58cm to 279cm
Screen size _____ 1.5m x 1.5m
Foundation _____ Cement slab

58" Chip-Pac

Power _____ 75- 250 HP Electric or diesel
Capacity _____ 38cm diameter
Options _____ 3, 4 or 6 knives
Weight _____ 7094kg
Width _____ 223cm
Depth _____ 220.9cm
Height _____ 370.8cm w/cyclone
Space Required _____ 393.7cm to 279cm
Screen size _____ 1.8m x 1.8m
Foundation _____ Cement slab

Standard Equipment

48" & 58" Chip-Pac

- Blowpipe and cyclone
- Overs return to chipper spout
- Double pump hydraulic system includes oil tank, valve bank, chipper sheave, and bushing, less base (D Model)
- Motor base including belt shield and take-up rails (E Model)
- Morbark Australia Model 48", 3-knife, horizontal feed, end discharge chipper (specify desired chip size setting)
- 1.5m x 1.5m Chip Screen with 2-HP electric drive

Vibrating Conveyor

Standard Equipment

- 130mm channel frame, 6mm thick pan, 10mm thick at drive section
- Pan sides 30 degrees (standard), straight sides or other angles optional
- One piece transition incorporated into the conveyor panning 430mm Wide
- 3mt long Vibrating Conveyor drive section with eccentric. Conveyor formed from 10mm steel plate. Bottom width of 430mm, top width 650mm with flared sides, 140mm deep. 130mm channel steel support frame. Double fibreglass shaker legs around drive. 560mm Wide

- 3mt long Vibrating Conveyor drive section with eccentric. Conveyor formed from 10mm steel plate. Bottom width 560mm, top width 825mm with flared sides, 180mm deep. 130mm channel steel support frame. Double fibreglass shaker legs around drive.

Note: Conveyors with different heights and widths are available. Conveying speed approximately 13 m/mm other speeds are available.



Specifications

17" Wide Vibrating Conveyor

Length _____ 3mt-21mt, one drive, one piece over 30mt
additional drives, bolt together sections
Height _____ 457mm to conveyor through opening, 660mm overall
Weight _____ 1000kg for 6mt
Drives Electric drive _____ 5 HP
Hydraulic Drive _____ 2000 serves Charlynn
Stroke _____ 17.4mm

22" Wide Vibrating Conveyor

Length _____ 3mt-21mt, one drive, one piece over 30mt,
additional drives, bolt together sections
Height _____ 457mm to conveyor through opening, 66cm overall
Weight _____ 1000kg for 6mt'
Drives
Electric drive _____ 10 HP
Hydraulic drive _____ 2000 serves Charlynn
Stroke _____ 17.4mm

Options

430mm Wide Vibrating Conveyor
5 HP electric drive (on lengths over 6 mt)
1.5m fiberglass conveyor section for use with metal detectors
Perforated conveyor bottom for screening fines
Straight sides
Metal Detector
560mm Wide Vibrating Conveyor
10 HP electric drive (on lengths over 6mt)
1.5mt fiberglass conveyor section for use with metal detectors
Perforated conveyor bottom for screening fines
Straight sides
Metal Detector



Re-Chipper

Features

Morbark Australia re chippers are designed to work directly off wood chip screens with the drop feed or from a number of screens with the use of the Morbark Australia vibrating conveyor

Three models available:

- Chipper includes base, motor and drives
- Large 58/48 works with vibrating conveyor
- Up to 6mt of blow pipe, elbow and cyclone/chip box included



Specifications

32" RE CHIPPER : 10 - 12 pocket

Disc diameter _____ 32" / 813mm
Disc width _____ 2" / 50mm
Knife length _____ 6" / 152.4Mm
Knife configuration _____ 6 x 2-7/8 x 3/8 (152x73x9.53Mm)

Chip size _____ set to suit
Capacity _____ 8' x 16' screen 7mt blow pipe

Drop feed, top discharge

42" RE CHIPPER : 14 - 16 pocket

Disc diameter _____ 42" / 1067mm
Disc width _____ 3" / 75mm
Knife length _____ 6" / 152.4Mm
Knife configuration _____ 6 x 2-7/8 x 3/8 (152 x 73 x 9.53Mm)

Chip size _____ set to suit
Capacity _____ any large screen 7mt blow pipe

Drop feed, top discharge

58/48 RE CHIPPER : 8 pocket

Disc diameter _____ 58" / 1473mm
disc width _____ 4" / 100mm
knife length _____ 14.75" / 374.6mm

Chip size _____ set to suit
capacity _____ 10 - 15 ton/hr

Horizontal feed bottom discharge

Other Equipment

Chip/saw dust blowers

3 HP fines blower

- 3 HP electric moto mounted on swivel base

10 HP electric chip blower

- 10 HP electric motor mounted on a swivel base with single "S" pipe
- Fan speed 1,800 RPM
- 7 tons per hour capacity
- Self aligning ball type pillow block bearings

40 HP electric chip blower

- 40 HP electric motor mounted on a fixed base with a dual "S" pipes and "Y" valve for dual loading
- Fan speed 1,840 RPM
- 20 tons per hour capacity
- Self aligning ball type pillow block bearings

30 HP electric super blower

- 30 HP electric motor mounted on swivel base with single "S" pipe
- Fan speed of 1,680 RPM
- 20 tons per hour capacity
- Self aligning ball type pillow block bearings

Log decks

- 2, 3, 4 Strand Set up
- Hydraulic or electrical drive stop loader or singleator
- WH78 chain drive section caged can be automated
- Log roll back stops

Waste/Handling Conveyors

- 6mt - 12mt long
- Paddle or belt type
- Electric or Hyd Drive



Spare Parts

Morbark Australia stocks a range of spare parts for all equipment

Chipper parts

- Knife holders
- Knife clamps
- Chipper knives
- Feed plates
- Anvils
- Wear plates
- Belly bands & hood liners
- Belts
- Hydraulic pump & motor seal kits
- Hydraulic cylinders
- Sprockets
- Bushes
- Bearings
- Filters
- Clutch parts
- Screen plates



Brands

- Browning
- Dodge
- Linkbelt
- Vickers
- Eaton
- Energy
- Chylenn
- Rexroth
- Gates
- Good Year
- Twin Disc
- Cotta
- Timken
- Gresen
- Parker
- Fleetguard

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Notes

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