

PRODUCT

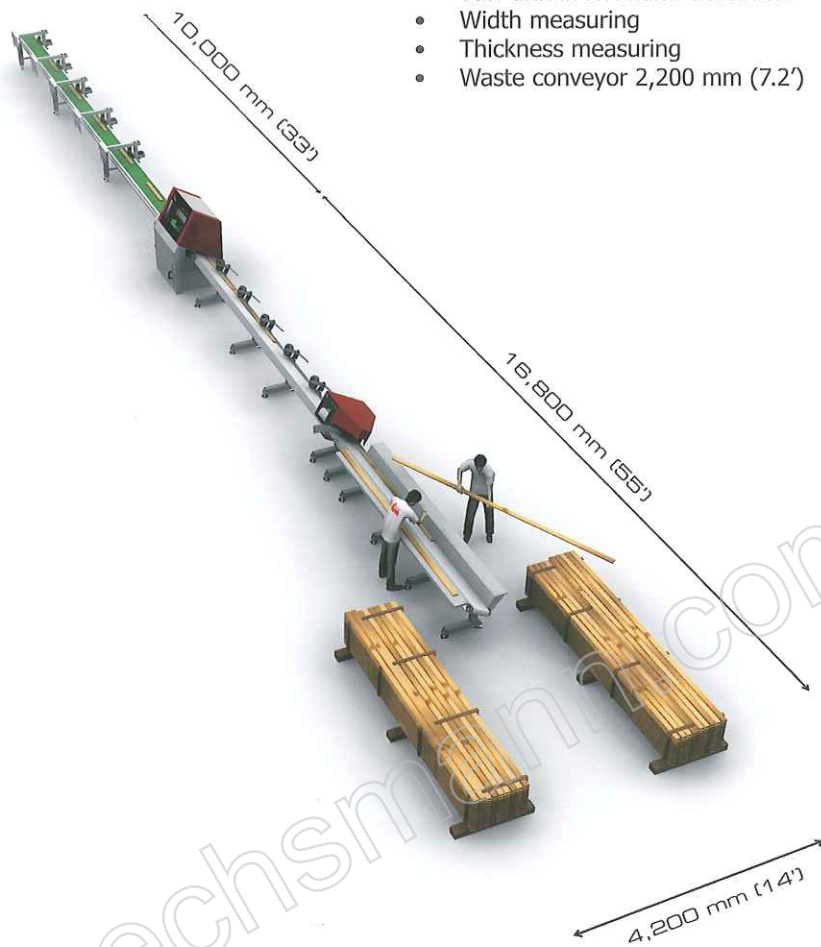
INFO

OPTI-KAP

Standard Product Solutions
Opti-Kap 4002
Concept 1, 2, 3



PRODUCT INFO



Optional features

- Grading station with undriven feed rollers and mirror station
- Workpiece width up to 300 mm (12")
- Saw unit in left-hand execution
- Width measuring
- Thickness measuring
- Waste conveyor 2,200 mm (7.2')

OPTI-KAP 4002

Concept 1

- Grading station for two operators
- Measuring conveyor
- Opti-Kap 4002
- Servo driven bottom feed rollers, 6 pcs.
- Heavy duty top pressure rollers, 6 pcs.
- User friendly PC interface
- Optimizing software
 - length optimization with up to 8 qualities and defect marking
- Extra powerful vertical saw blade movement controlled by a servo driven cam for extremely fast cutting
- Web based PC with external log-on option
- Electrical adjustment of top rollers
- Sorting belt conveyor, 10,000 mm (33')
- Pneumatic dischargers, 5 pcs.
- Automatic waste blow off
- Installation and training

Total price

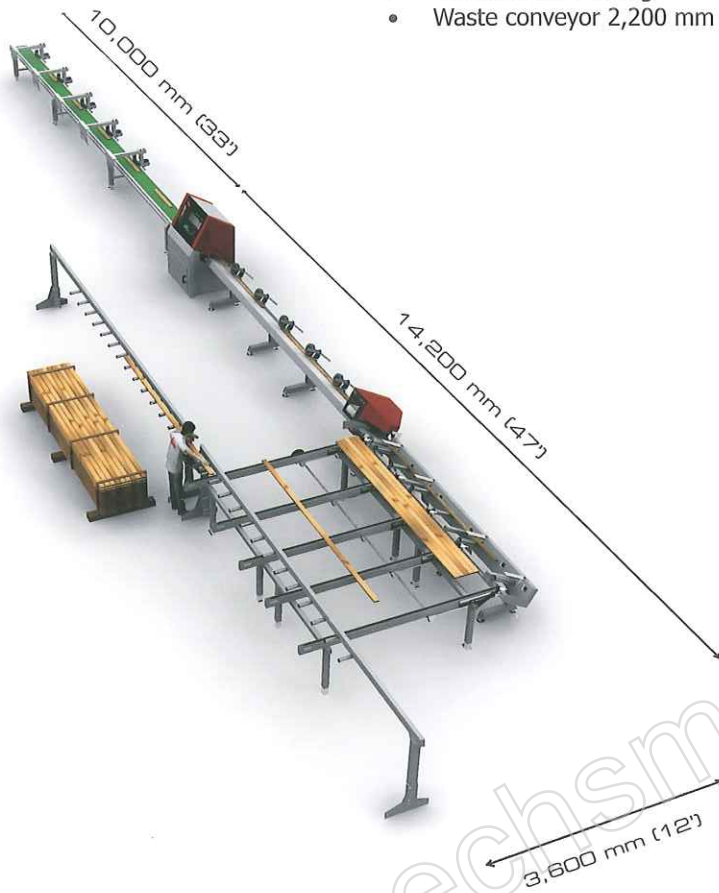
The given price is valid for 60 days





Optional features

- Mirror stations with light for grading station
- Grading station for second operator
- Workpiece width up to 300 mm (12")
- Saw unit in left-hand execution
- Width measuring
- Thickness measuring
- Waste conveyor 2,200 mm (7.2')



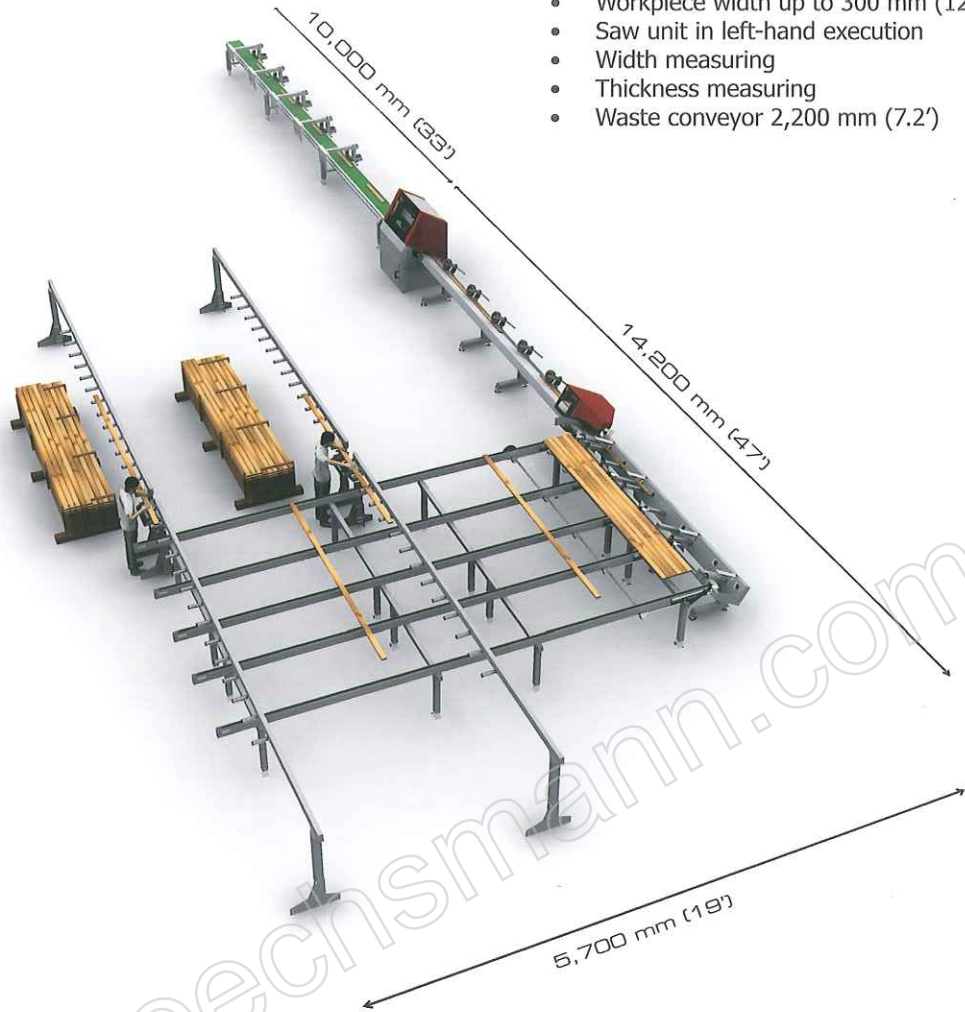
OPTI-KAP 4002

Concept 2

- Grading station for one operator
- Buffer chain conveyor
- Measuring conveyor
- Opti-Kap 4002
- Servo driven bottom feed rollers, 6 pcs.
- Heavy duty top pressure rollers, 6 pcs.
- User friendly PC interface
- Optimizing software
 - length optimization with up to 8 qualities and defect marking
- Extra powerful vertical saw blade movement controlled by a servo driven cam for extremely fast cutting
- Web based PC with external log-on option
- Electrical adjustment of top pressure rollers
- Sorting belt conveyor, 10,000 mm (33')
- Pneumatic dischargers, 5 pcs.
- Automatic waste blow off
- Installation and training

Total price

The given price is valid for 60 days



Optional features

- Mirror stations with light for grading station
- Grading station for two extra operators
- Workpiece width up to 300 mm (12")
- Saw unit in left-hand execution
- Width measuring
- Thickness measuring
- Waste conveyor 2,200 mm (7.2')

OPTI-KAP 4002

Concept 3

- Grading station for two operators
- Buffer chain conveyor
- Measuring conveyor
- Opti-Kap 4002
- Servo driven bottom feed rollers, 6 pcs.
- Heavy duty top pressure rollers, 6 pcs.
- User friendly PC interface
- Optimizing software
 - length optimization with up to 8 qualities and defect marking
- Extra powerful vertical saw blade movement controlled by a servo driven cam for extremely fast cutting
- Web based PC with external log-on option
- Electrical adjustment of top pressure rollers
- Sorting belt conveyor, 10,000 mm (33')
- Pneumatic dischargers, 5 pcs.
- Automatic waste blow off
- Installation and training

Total price

The given price is valid for 60 days



Technical information for Opti-Kap 4002

Concept 1:

- Board length: 900 - 6,300 mm (3' - 20.7')
- Board width: 30 - 250 mm (1.2" - 10")
- Board thickness: 12 - 100 mm (0.5" - 4")
- Length accuracy:
 - for boards under 1 m (39") ± 1 mm (0.04")
 - for boards longer than 1 m (39") $\pm 1/1,000$ of the board length
- Compressed air: 6 bar 500 l/min (87 psi 132 gal/min)
- Saw dust extraction: 2,500 m³/hour (87,500 ft³/hour)
25 m/sec, 180 Pa (82 ft/sec, 180 Pa)

Concept 2:

- Board length: 1,500 - 6,300 mm (5' - 20.7')
- Board width: 60 - 250 mm (2" - 10")
- Board thickness: 12 - 100 mm (0.5" - 4")
- Length accuracy:
 - for boards under 1 m (39") ± 1 mm (0.04")
 - for boards longer than 1 m (39") $\pm 1/1,000$ of the board length
- Compressed air: 6 bar 500 l/min (87 psi 132 gal/min)
- Saw dust extraction: 2,500 m³/hour (87,500 ft³/hour)
25 m/sec, 180 Pa (82 ft/sec, 180 Pa)

Concept 3:

- Board length: 1,500 - 6,300 mm (5' - 20.7')
- Board width: 60 - 250 mm (2" - 10")
- Board thickness: 12 - 100 mm (0.5" - 4")
- Length accuracy:
 - for boards under 1 m (39") ± 1 mm (0.04")
 - for boards longer than 1 m (39") $\pm 1/1,000$ of the board length
- Compressed air: 6 bar 500 l/min (87 psi 132 gal/min)
- Saw dust extraction: 2,500 m³/hour (87,500 ft³/hour)
25 m/sec, 180 Pa (82 ft/sec, 180 Pa)

Opti-Kap 4002 Capacity:

- Acceleration: 40 m/s² (131 ft/s²)
- Speed: 500 m/min (1,640 ft/min)
- Saw motor: 9 kW
- Torque at roller: 338 Nm (249 lb.-ft)

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optimization of staff and wood resources

