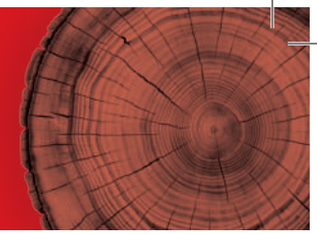

1989 to the present
ÖZERKILIÇ
MAKİNE SANAYİ VE TİCARET LTD. ŞTİ
www.ozerkilicmakine.com

ÖZERKILIÇ

MAKİNE SANAYİ VE TİCARET LTD. ŞTİ

Özerkılıç Makine Sanayi ve Ticaret Ltd. Şti.
Samanlı Mah. Hassa Sk. No: 18
Yıldırım / Bursa – Türkiye
Tel: +90 545 510 62 25
Tel: +90 536 855 02 32
ozerkilicmakine@gmail.com
www.ozerkilicmakine.com



ABOUT US

Since 1989, Özerkılıç Makine has been designing and manufacturing machinery for sawmills and wood-processing plants. By following up every machine we deliver and staying in continuous contact with our customers, we have built a strong position in our field. Our machines operate in Russia, Romania, Bulgaria, the former Yugoslav countries, North Macedonia, Ukraine, Georgia, Azerbaijan and Albania, as well as in several African countries. Our work does not stop at manufacturing: we prepare project drawings to each customer's requirements and provide solutions for machine layout. The electronic control systems built into our machines enable our customers to work faster and with greater precision.

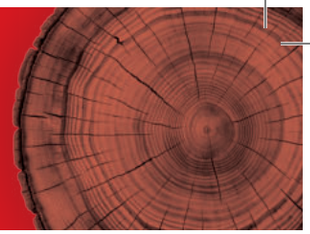
3-HEADBLOCK REMOTE-CONTROLLED LOG CARRIAGE

ÖE-UKTA-100





TECHNICAL SPECIFICATIONS

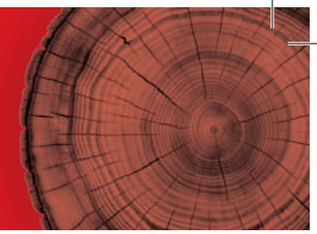


Internal clamp movement	Hydraulic
Clamp drive system	Hydraulic
Carriage drive	Geared motor, double cable
Frame	Steel
Setworks / measuring system	Digital, PLC touchscreen
Lubrication system	Automatic, timer-controlled
Remote control station	Platform type
Daily log cutting capacity	Min. 60 m^3
Hydraulic power unit motor	11 kW, 1500 rpm
Knee drive	11 kW geared motor
Log turner drive	3 kW geared motor
Knee setting speed	310 mm/s
Carriage feed speed	115 m/min
Max. log diameter	1000 mm
Max. clamp opening	1000 mm
Max. knee opening	1000 mm
Track gauge (centre to centre)	1570 mm
Clamp spacing	125 / 225 cm (optional)
Dimensions (W × L × H)	225 × 570 × 180 cm
Weight	6200 kg

3-HEADBLOCK ON-BOARD CONTROLLED WITH SEAT LOG CARRIAGE

ÖE-KTA-100



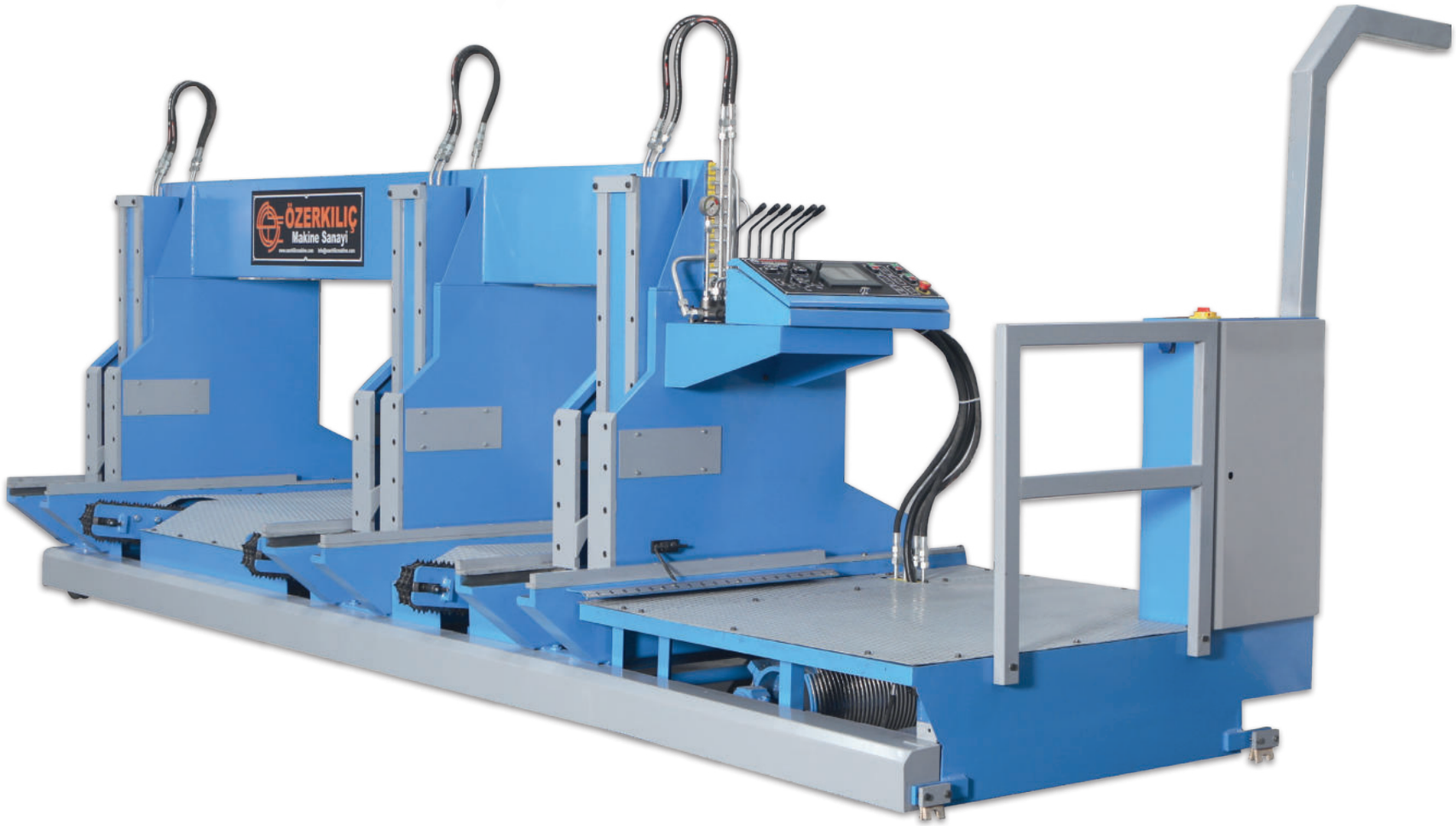


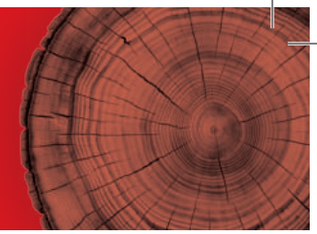
ÖE-KTA-100
TECHNICAL SPECIFICATIONS

Internal clamp movement	Hydraulic
Clamp drive system	Hydraulic
Carriage drive	Geared motor, double cable
Frame	Steel
Setworks / measuring system	Digital, PLC touchscreen
Lubrication system	Automatic, timer-controlled
Daily log cutting capacity	Min. 50 m^3
Hydraulic power unit motor	11 kW, 1500 rpm
Knee drive	5.5 kW geared motor
Log turner drive	3 kW geared motor
Knee setting speed	310 mm/s
Carriage feed speed	0–90 m/min
Max. log diameter	1000 mm
Max. clamp opening	1000 mm
Max. knee opening	1000 mm
Track gauge (centre to centre)	1390 mm (optional)
Clamp spacing	125 / 225 cm (optional)
Dimensions (W × L × H)	225 × 570 × 180 cm
Weight	5750 kg

STANDARD 3-HEADBLOCK ON-BOARD CONTROLLED LOG CARRIAGE

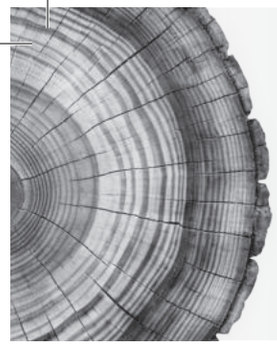
ÖE-STA-100





ÖE-STA-100
TECHNICAL SPECIFICATIONS

Internal clamp movement	Hydraulic
Clamp drive system	Hydraulic
Carriage drive	Hydraulic; opt. geared, double cable
Frame	Steel
Setworks / measuring system	Digital, PLC touchscreen
Lubrication system	Automatic, timer-controlled
Daily log cutting capacity	Min. 45 m^3
Hydraulic power unit motor	11 kW, 1500 rpm
Knee drive	5.5 kW geared motor
Log turner drive	3 kW geared motor
Knee setting speed	310 mm/s
Carriage feed speed	0–90 m/min
Max. log diameter	1000 mm
Max. clamp opening	1000 mm
Max. knee opening	1000 mm
Track gauge (centre to centre)	1390 mm
Clamp spacing	125 / 225 cm (optional)
Dimensions (W × L × H)	220 × 530 × 180 cm
Weight	5000 kg



120 CM TANDEM
BAND SAW

ÖE-TŞ-120

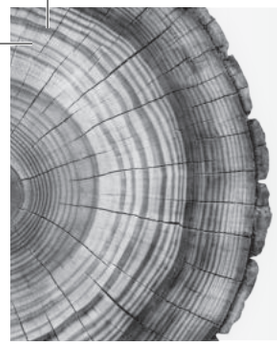


ÖE-TŞ-120
TECHNICAL SPECIFICATIONS





Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Tandem head positioning	PLC, touch panel
Blade strain unit	Hydraulic
Band wheel diameter	1200 mm
Band wheel width	140 mm
Max. cutting height	900 mm (optional)
Max. cutting width	650 mm
Max. blade length	900 mm
Min. blade length	880 mm
Main motor power	45 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Weight	7000 kg



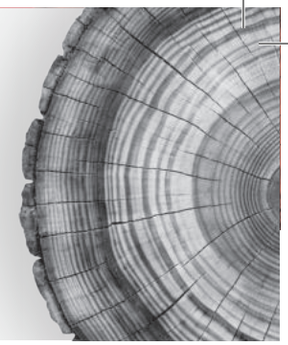
120 CM
BAND RESAW

ÖE-HM-120

TECHNICAL SPECIFICATIONS

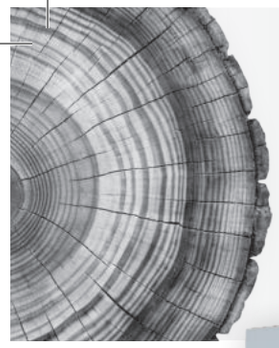
Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1200 mm
Band wheel width	140 mm
Max. cutting height	600 mm
Max. cutting width	280 mm
Max. blade length	900 mm
Min. blade length	880 mm
Main motor power	37 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Measuring system	Digital, colour touchscreen
Weight	5300 kg

100 CM
BAND RESAW



TECHNICAL SPECIFICATIONS

Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1000 mm
Band wheel width	120 mm
Max. cutting height	500 mm
Max. cutting width	220 mm
Max. blade length	780 mm
Min. blade length	755 mm
Main motor power	30 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Measuring system	Digital, colour touchscreen
Weight	4700 kg



140 CM VERTICAL BAND SAW WITHOUT CHAIN FEED

ÖE-140Ş



TECHNICAL SPECIFICATIONS

Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1400 mm
Band wheel width	200 mm
Max. cutting height	1300 mm (optional)
Max. cutting width	750 mm
Max. blade length	10650 mm
Min. blade length	10300 mm
Main motor power	55 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Weight	4100 kg

140 CM VERTICAL BAND SAW WITH CHAIN FEED



TECHNICAL SPECIFICATIONS

Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1400 mm
Band wheel width	200 mm
Max. cutting height	1100 mm (optional)
Max. cutting width	750 mm
Max. blade length	10650 mm
Min. blade length	10300 mm
Main motor power	55 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Feed system	Chain-slat feed
Chain feed motor power	1.5 kW, 1500 rpm
Weight	4200 kg

120 CM VERTICAL BAND SAW WITH CHAIN FEED

ÖE-120ŞP



TECHNICAL SPECIFICATIONS

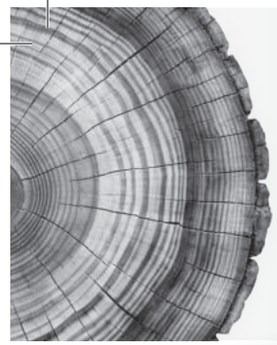
Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1200 mm
Band wheel width	140 mm
Max. cutting height	900 mm (optional)
Max. cutting width	650 mm
Max. blade length	900 mm
Min. blade length	880 mm
Main motor power	45 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Feed system	Chain-slat feed
Chain feed motor power	1.5 kW, 1500 rpm
Weight	3000 kg

120 CM VERTICAL BAND SAW WITHOUT CHAIN FEED



TECHNICAL SPECIFICATIONS

Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1200 mm
Band wheel width	140 mm
Max. cutting height	1050 mm (optional)
Max. cutting width	650 mm
Max. blade length	900 mm
Min. blade length	880 mm
Main motor power	45 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Weight	2900 kg



100 CM VERTICAL BAND SAW WITH CHAIN FEED

ÖE-100ŞP



TECHNICAL SPECIFICATIONS

Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1000 mm
Band wheel width	120 mm
Max. cutting height	700 mm (optional)
Max. cutting width	450 mm
Max. blade length	780 mm
Min. blade length	755 mm
Main motor power	37 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Feed system	Chain-slat feed
Chain feed motor power	1.5 kW, 1500 rpm
Weight	2500 kg

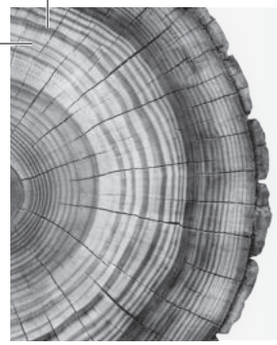
100 CM VERTICAL BAND SAW WITHOUT CHAIN FEED





TECHNICAL SPECIFICATIONS

Electrical control panel	Included, star-delta
Frame	Steel
Blade tensioning	Hydraulic
Enclosure	Fully enclosed
Bearings	SKF
Blade guide height adjustment	Hydraulic
Blade guides	Fibre guide blocks
Machine lubrication	Manual
Blade diesel spray system	Automatic
Belt pulleys	Taper-bush pulley
Lower band wheel scraper	Pneumatic cylinder
Blade strain unit	Hydraulic
Band wheel diameter	1000 mm
Band wheel width	120 mm
Max. cutting height	900 mm (optional)
Max. cutting width	450 mm
Max. blade length	780 mm
Min. blade length	755 mm
Main motor power	37 kW, 1500 rpm
Hydraulic unit total power	2.2 kW
Weight	2400 kg



120 & 160 MM MULTI-BLADE RIP SAW



TECHNICAL SPECIFICATIONS

ÖE-ÇDM12 120 MM MULTI-BLADE RIP SAW

Cutting height	10–120 mm
Usable arbor length	Max. 360 mm
Saw arbor motor	Max. 37 kW
Number of saws	Max. 15 pcs
Saw bore diameter	70 mm (standard)
Saw diameter	200–350 mm
Weight	1850 kg
Feeding	Manual & automatic
Total installed power	Max. 39 kW

ÖE-ÇDM16 160 MM MULTI-BLADE RIP SAW

Cutting height	10–160 mm
Usable arbor length	Max. 750 mm
Saw arbor motor	Max. 55 kW
Number of saws	Max. 15 pcs
Saw bore diameter	70 mm (standard)
Saw diameter	200–450 mm
Weight	1850 kg
Feeding	Manual & automatic
Total installed power	Max. 57 kW

MULTI-SAW EDGER

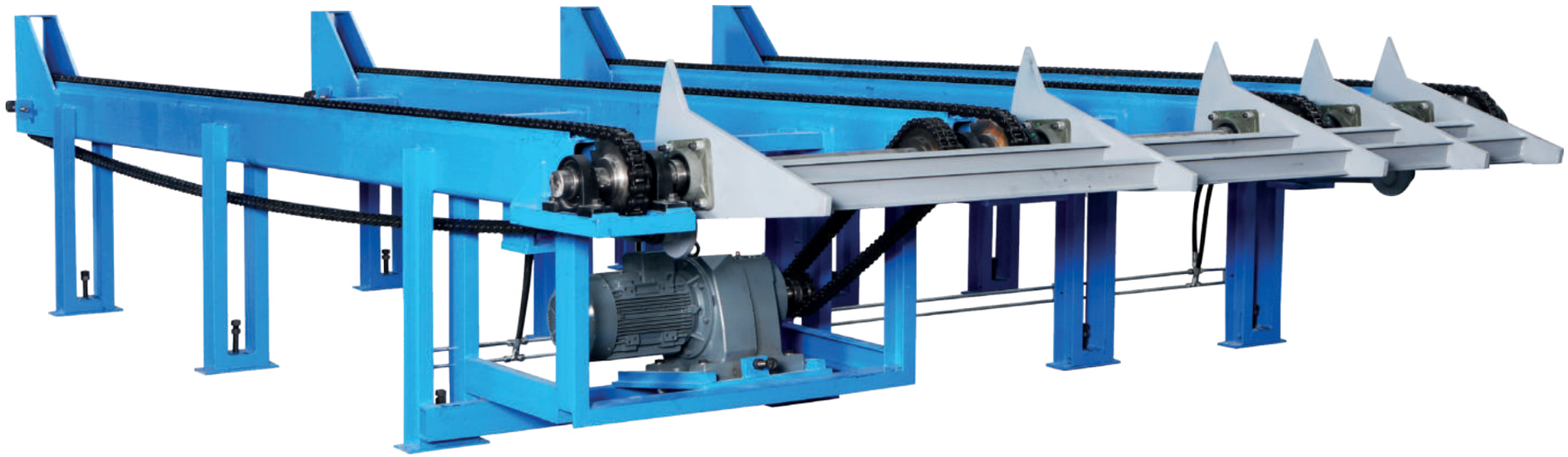


TECHNICAL SPECIFICATIONS

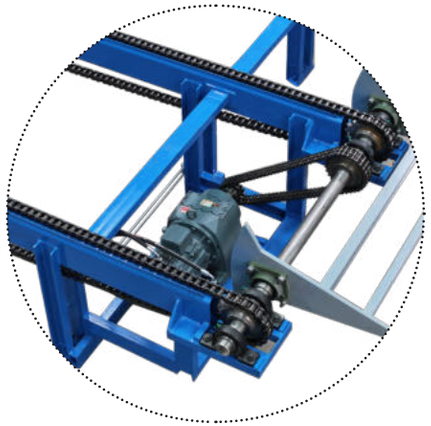
Cutting height	10–80 mm
Saw diameter	Max. 300 mm
Number of saws	Max. 15 pcs
Saw bore diameter	70 mm (standard)
Weight	1050 kg
Total installed power	Max. 13 kW

HYDRAULIC LOG
LOADING DECK
(4-STRAND)

ÖE-TYR4



ÖE-TYR4
TECHNICAL
SPECIFICATIONS

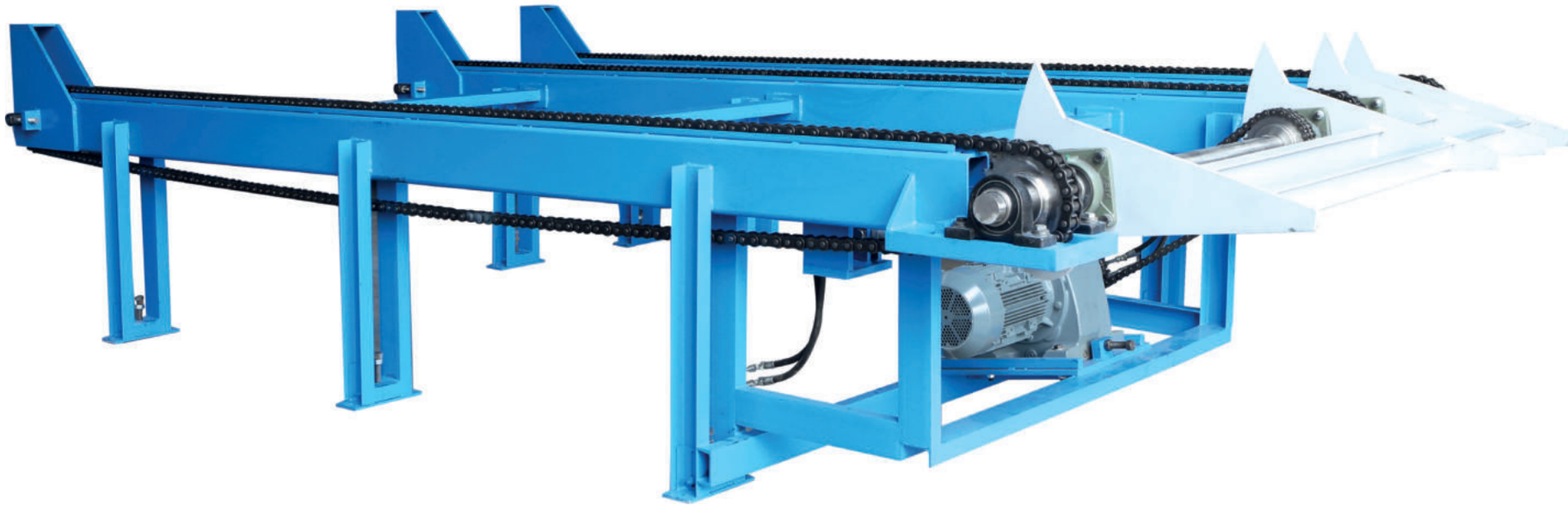




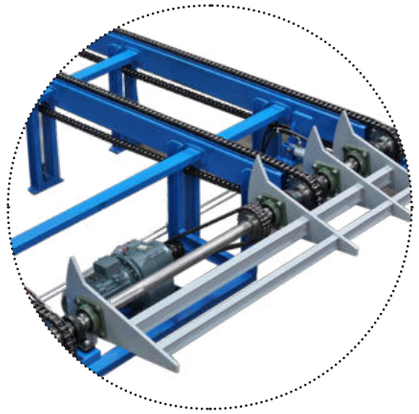
Log conveying	Chain conveyor
Chain	1.5" single-strand chain
Main frame	100×200×8 mm profile
Legs and cross-bracing	UPN 120 channel
Loading onto log carriage	Via transfer bridge
Hydraulic system	Opening / closing
Shipping	Disassembled
Main motor power	5.5 kW geared motor
Hydraulic unit total power	1.5 kW
Dimensions (W × L × H)	Optional
Weight	2000 kg

HYDRAULIC LOG
LOADING DECK
(3-STRAND)

ÖE-TYR3



ÖE-TYR3
TECHNICAL
SPECIFICATIONS

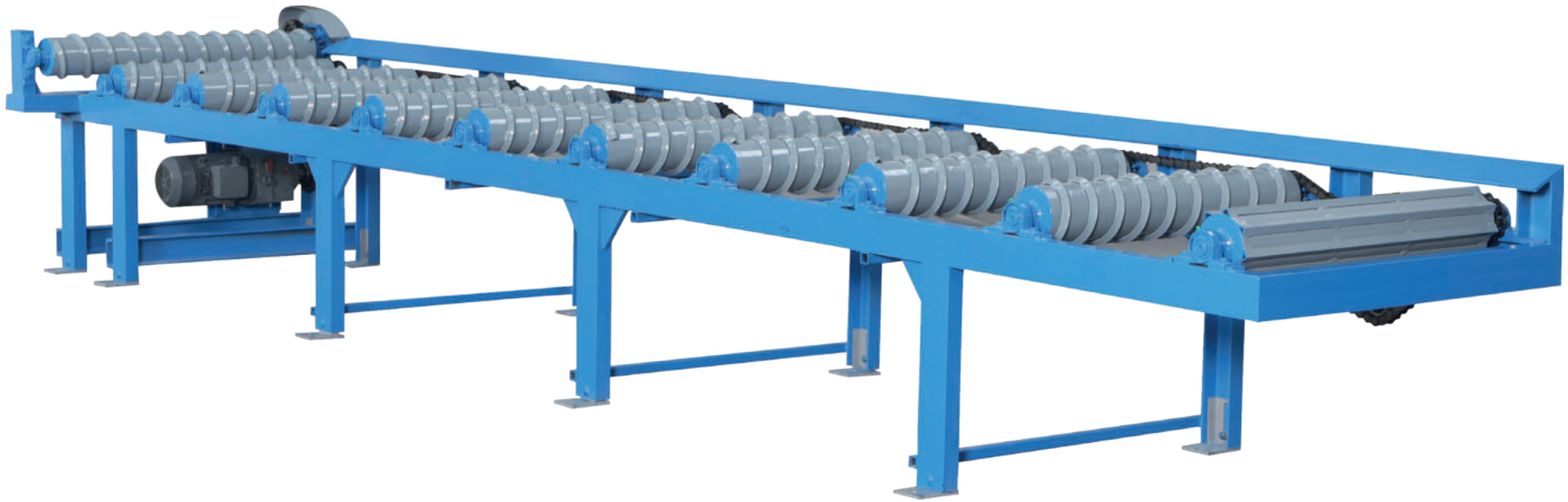




Log conveying	Chain conveyor
Chain	1.5" single-strand chain
Main frame	100×200×8 mm profile
Legs and cross-bracing	UPN 120 channel
Loading onto log carriage	Via transfer bridge
Hydraulic system	Opening / closing
Shipping	Disassembled
Main motor power	5.5 kW geared motor
Hydraulic unit total power	1.5 kW
Dimensions (W × L × H)	Optional
Weight	1500 kg

LONGITUDINAL BOARD CONVEYOR WITH FIXED FENCE

ÖE-BKGS



ÖE-BKGS
TECHNICAL SPECIFICATIONS



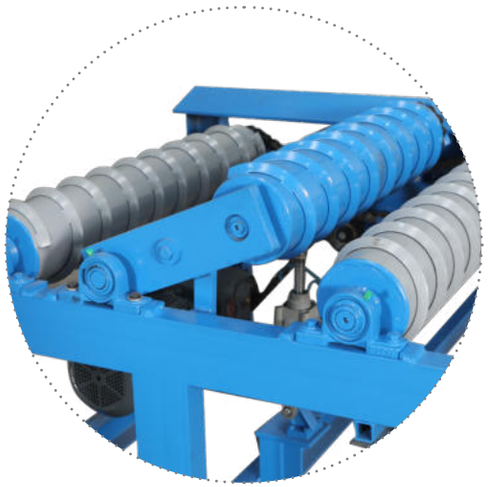
Conveyor type	Helical rollers
Board guide	Fixed fence
Roller drive	Geared motor
Transmission	Chain and sprocket
Conveying speed	0–50 m/min
Main motor power	3 kW geared motor
Shipping	Assembled
Roller movement	Common chain drive
Roller tube	Ø160 mm, 4 mm wall
Spiral flights	20×20 mm steel angle
Main chassis and legs	UPN 120 channel
Conveyor width	920 mm
Roller length	720 mm
Sprockets	1" single strand
Weight	1000 kg
Dimensions (W × L × H)	Optional

LONGITUDINAL BOARD CONVEYOR WITH PNEUMATIC MOVABLE FENCE

ÖE-BKGH



TECHNICAL SPECIFICATIONS

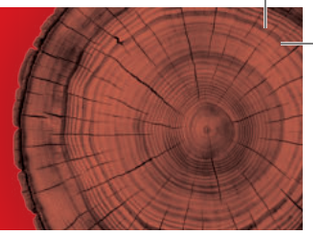


Conveyor type	Helical rollers
Fence actuation	Pneumatic
Roller drive	Geared motor
Transmission	Chain and sprocket
Conveying speed	0–50 m/min
Main motor	3 kW geared motor
Shipping	Assembled
Roller movement	Common chain drive
Roller tube	Ø160 mm, 4 mm wall
Spiral flights	20×20 mm steel angle
Main chassis and legs	UPN 120 channel
Conveyor width	920 mm
Roller length	720 mm
Sprockets	1″ single strand
Weight	1000 kg
Dimensions (W × L × H)	Optional

TRANSVERSE BOARD CONVEYOR (4-STRAND)

ÖE-EKG4

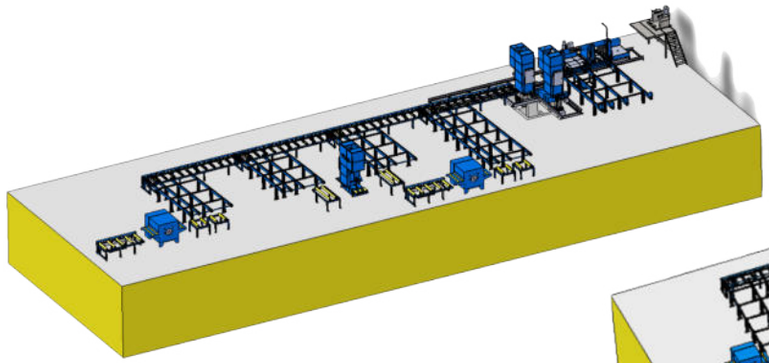


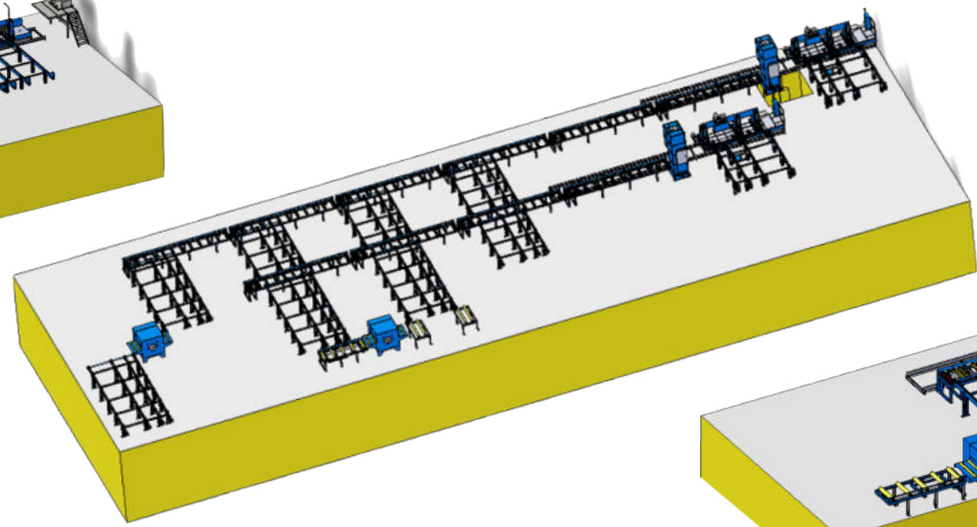


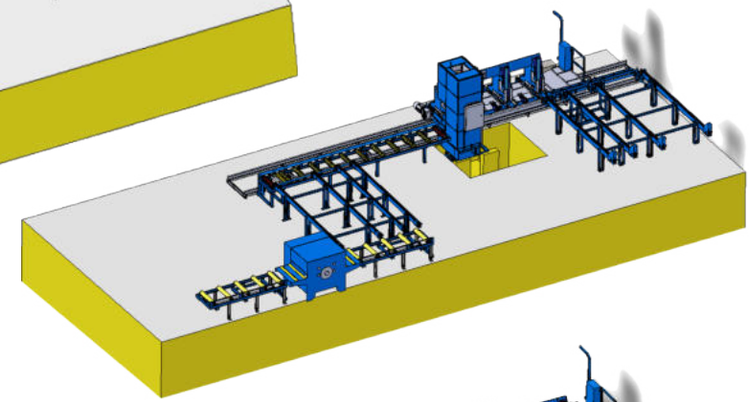
ÖE-EKG4
TECHNICAL
SPECIFICATIONS

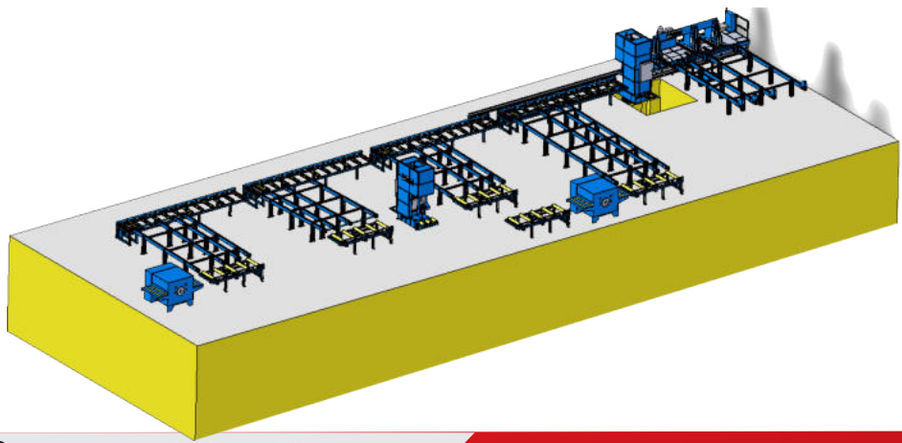
Board conveying	1" single-strand chain
Conveying speed	0–50 m/min
Main motor	3 kW geared motor
Main frame	80×160×4 mm profile
Main chassis and legs	UPN 120 channel
Weight	700 kg
Dimensions (W × L × H)	Optional
Shipping	Disassembled

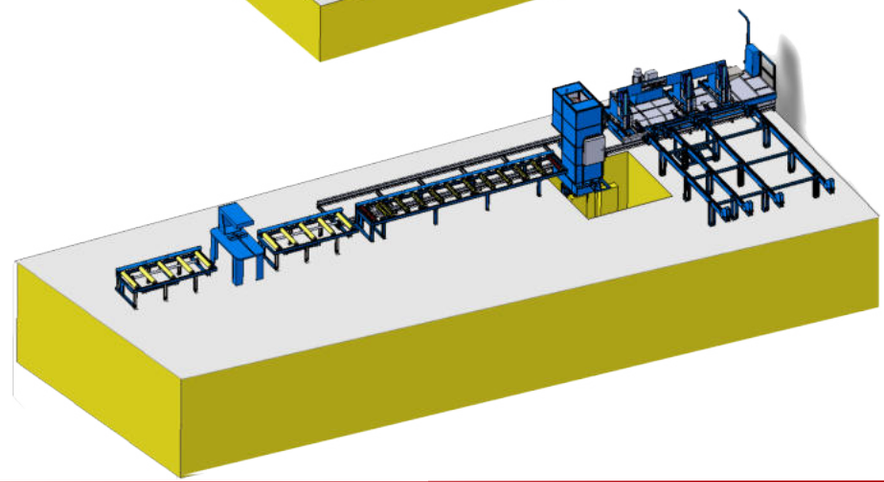
PLANT INSTALLATION
PROJECTS

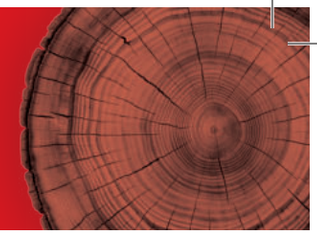












ÖZERKILIÇ

MAKİNE SANAYİ VE TİCARET LTD. ŞTİ

ÖZERKILIÇ
MAKİNE SANAYİ VE TİCARET LTD. ŞTİ

Samanlı Mah. Hassa Sk. No: 18
Yıldırım / Bursa – Türkiye
Tel: +90 545 510 62 25
Tel: +90 536 855 02 32
ozerkilicmakine@gmail.com

www.**ozerkilicmakine**.com

