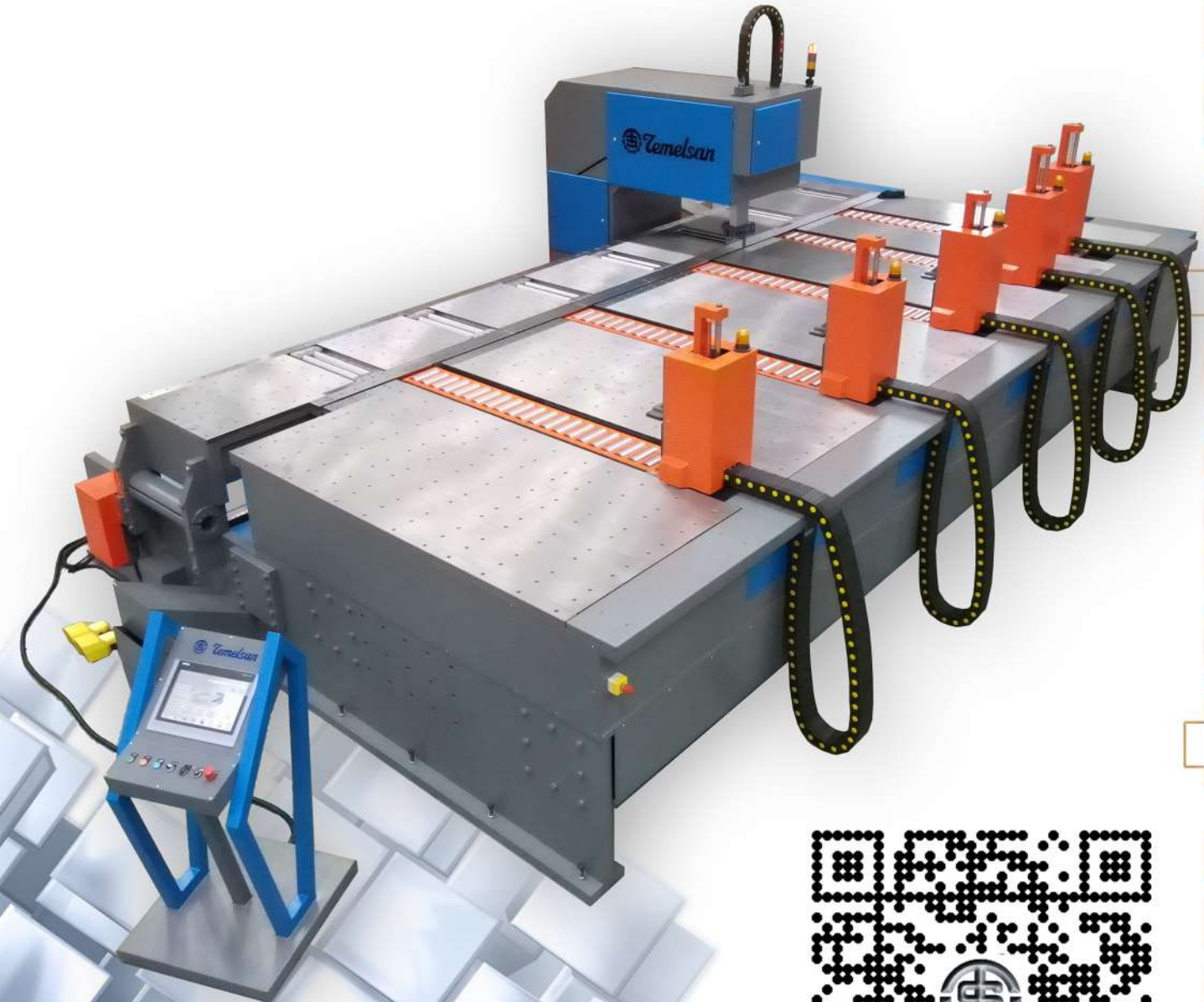




Temelsan®

DK 6000

BLOCK METAL CUTTING BANDSAW MACHINE



Standard Features... 

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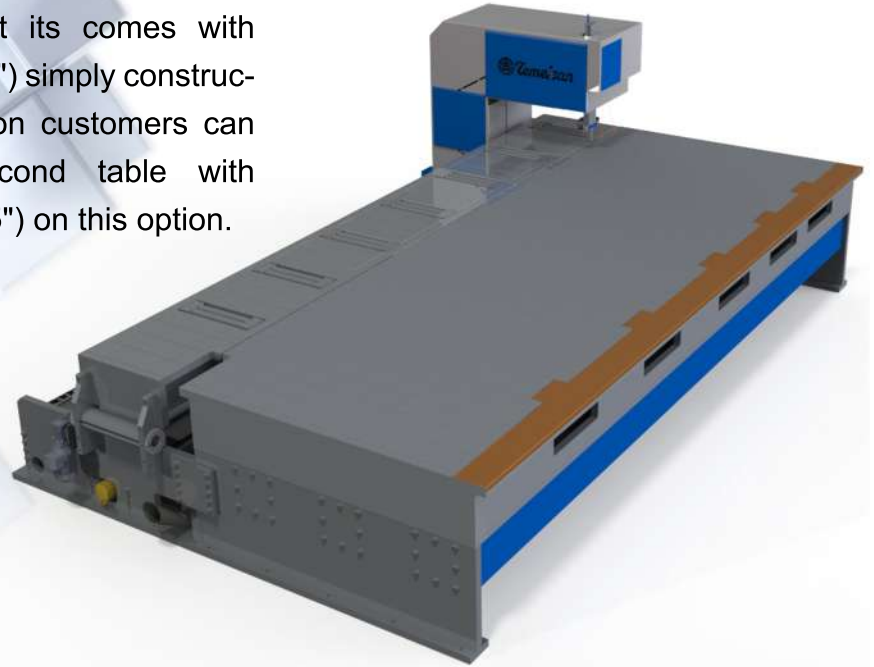
Standard Features...

- Servo Motor Controlled Cutting Speed
- 3 x 600mm (24") Aluminum flanged, tapered bandwheels with rubber tires
- Upper wheel adjustment up to 100mm (4")
- Operation control on kiosk
- One set of Hydraulic saw guide blocks with carbide backup for for chosen bands One set of metal saw guide inserts for chosen bands
- Hydraulic Lift Roller Table
- Motorized Band Blade Brush
- Work light
- Automatic Hydraulic Bandsaw Tention Unit
- Automatic Chip Conveyor
- Saw blade guards.
- Band door interlocks.
- Variable frequency band drive.
- Automatic Post Elevating By Servo Motor
- One (1) complimentary Bi Metal saw blade.
- Operation and parts manuals always available online
- Stop Running upon Bandsaw Breake
- Bandsaw Speed Indicator
- Blade Deviation Monitoring
- Hydraulic Oil Level Monitoring
- Hydraulic Oil Temperature Monitoring
- Emergency Stop Buttons
- Temelsan Torque Control for Surface Quality
- Temelsan Currency Control For Longer Blade Life
- 19" HMI Sensitive Touch Screen Monitor
- Three Linear Guide System
- Motorized Blade Change System
- Three Different Coolant Liquid Pump
- Two Different Hydraulic Pump
- Tool Kit

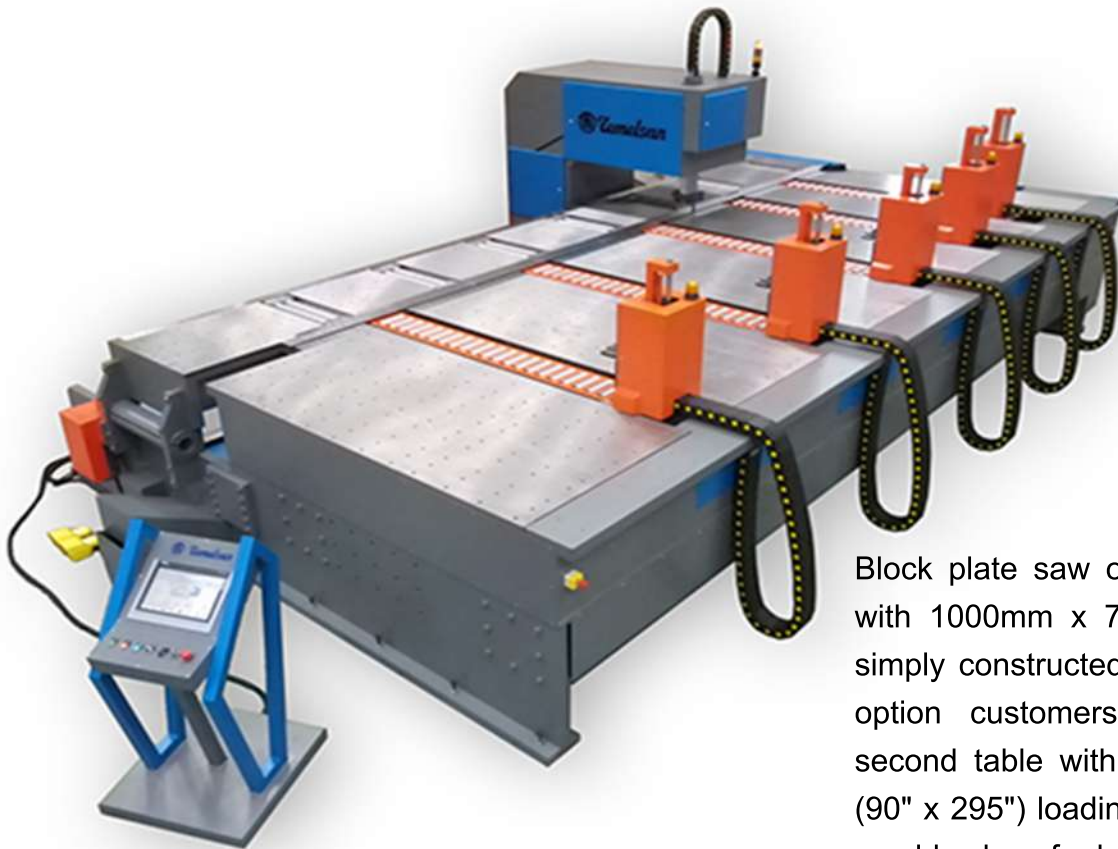
Optional Features...

DKO-SMST - Standard Manual Secondary Table for DK 6000

Block plate saw on standart its comes with 1000mm x 7500mm (40" x 295") simply constructed second table. As an option customers can purchase an additional second table with 2300mm x 7500mm (90" x 295") on this option.



DKO-HTST - High-Tech Secondary Table for DK 6000



Block plate saw on standart its comes with 1000mm x 7500mm (40" x 295") simply constructed second table. As an option customers can purchase the second table with 2300mm x 7500mm (90" x 295") loading space including assembly place for hydraulic lift units.



DKO-STLB - Secondary Table Servo Motion and Hydraulic Clamping Block (Min 2 PCS)

This option includes hydraulic clamping vices with servo drive material feeding system. This makes automatic reference for material which needs to be cut. Means no trim cut before first cut. The feeding group includes clamping jaws to hold the workpiece so it does not move during the cutting time. This option can be purchased minimum 2 pcs and maximum 5 pcs.

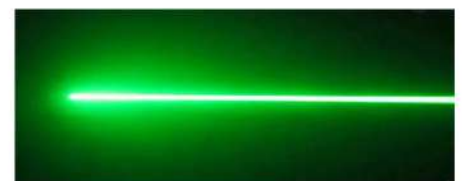


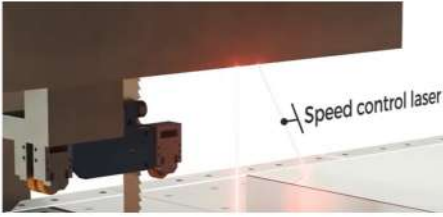
DKO-CL - Band Mist coolant system

While cutting the soft materials blades are getting heated and this makes blade life less also the cutting speed slower. With Mist Spray Coolant blades will stay always cold therefore the blade life will be longer.

DKO-LCL - Laser for Cutting Line

High quality green (the producer can change the color) line laser makes operators work easily to replace the workpiece on the table, their operator can see the cutting line clearly.





DKO - PS - Proximity Sensor

This option applicable only in case DKO - SMT option is applied on the machine. This option gives high operational time for cutting. With this option it does not matter where the operator is locating the work-piece, because until the proximity sensor is detected the material table will move at rapid speed until the workpiece. Then it will fall on cutting speed. Therefore operation time will be much faster.

DKO-PDSS-5+ - Pilz Door Safety System

This option applicable only in case DKO-PLC option is applied on the machine. Temelsan Vertical bandsaw machines have interlock safety systems as standard per CE conformity. The Pilz Safety system is needed to reach EN ISO 13849-1/2 control system safety standards. This option is applicable for the machines which has more than four doors



DKO-DMPA - Different Motor Power Application

Temelsan DK 6000 type Band Saw Benches are manufactured to operate with a 7,5 kW motor as standard. In line with the demands of our customers, different motors up to 10 kW can be used within the design limits. Do not forget to tell us the amount of power you want in your requests regarding this option.

G-DVA - Different Voltage Application

Temelsan Bandsaw machines are produced to work with 380V AC as an standard. Different working conditions about the power source are acceptable with extra cost as well.



Specifications of DK 6000

Bandsaw Tension Unit	Hydraulic
Table Stroke	6000mm - (236") .by Servo Motor
Band Driving Type	Frequence Inverter
Max. Cutting Height	600 mm (24")
Throat Size	1000 mm (40")
Table dimensions	1000mm x 7500mm (40"x295")
Table Tilt Left	N/A
Table Tilt Right	N/A
Table Tilt Front	N/A
Table Tilt Back	N/A
Table Height	1430 mm (56")
Motor Power	7,5 kW (10 HP)
Bandsaw Speed	Can be arranged upon request
Maximum Load Capacity	10.000 kg (22.046 lbs)
Blade Length	6300 mm (248")
Blade Width	54 mm (2")
Floor Space	8550mm x 5000mm (337" x 197")
Overall Height	3450 mm (136")
Weight	35.000 kg (77.162 lbs)

APPLICABLE POWER SOURES

600V	3 PHASE	50 - 60 Hz
480V	3 PHASE	50 - 60 Hz
400V	3 PHASE	50 Hz
220V	3 PHASE	50 - 60 Hz

DIMENSIONS OF MACHINE

LENGTH	DEPTH	HEIGHT	WEIGHT
8550mm (337")	5000mm (197")	3450 mm (136")	35.000 kg (77.162 lbs)



Temelsan®

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