

Technical Details / Технические детали



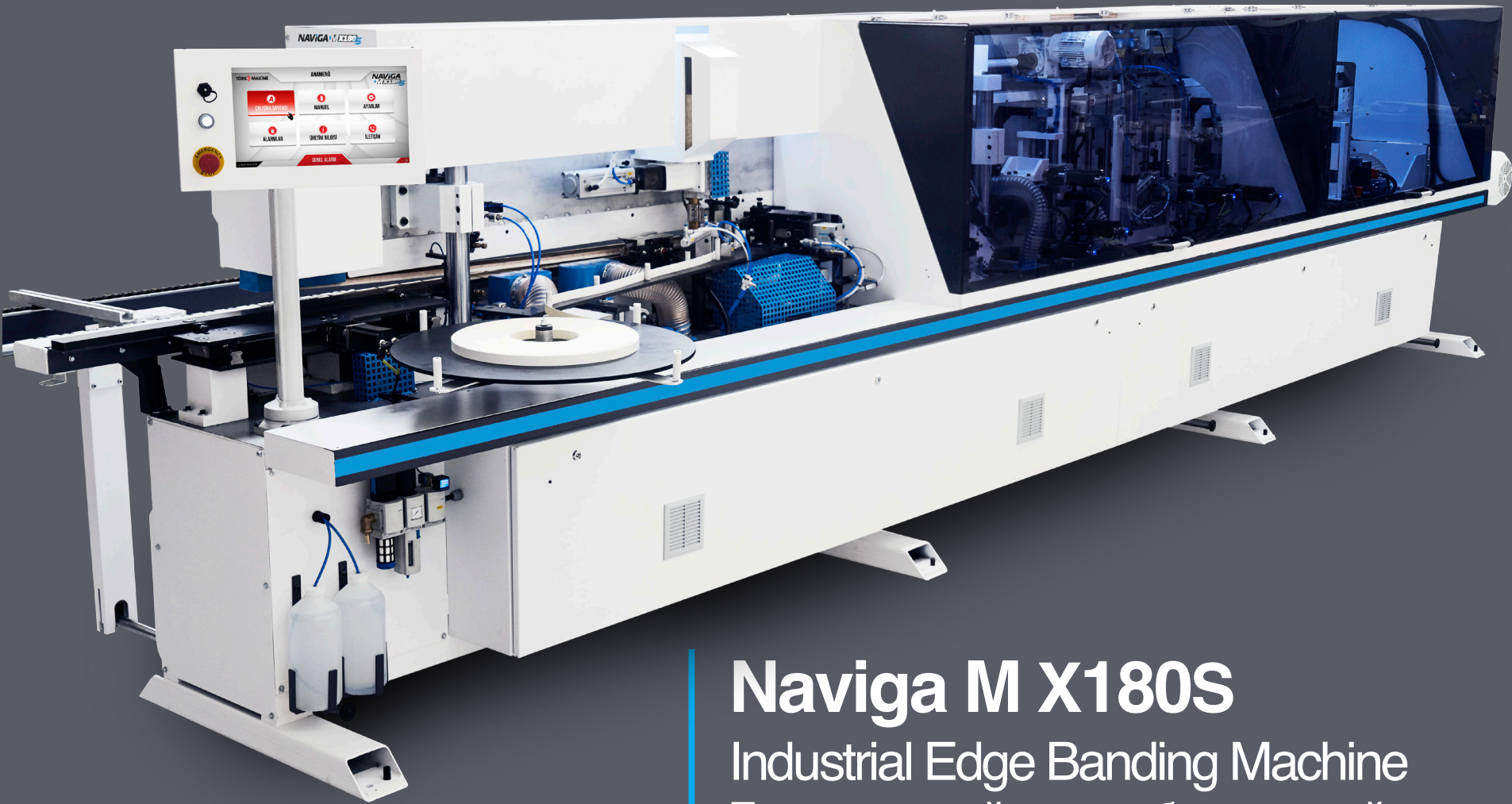
WORKING MEASUREMENTS / РАБОЧИЕ ИЗМЕРЕНИЯ	
Workpiece Width / Ширина заготовки	min 120 mm / мин. 120 мм
Workpiece Thickness / Толщина заготовки	min. 8 mm - max. 60 mm / мин. 8 мм - макс. 60 мм
Distance between two consecutive panels / Расстояние между двумя заготовками	min. 670 mm (without rounder) / мин. 670 мм (без раундера)
Edge Band Thickness (mm) / Толщина ленты (мм)	min. 0.3- max. 3.0/ мин. 0.3- макс. 3.0
Minimum Workpiece Length / Мин. длина заготовки	min. 150 mm (without rounder) / мин. 150 мм (без раундера) min. 250 mm (with rounder) / мин. 250 мм (с раундером)
The Length of Workpiece entering into the machine [mm] / Ввод в устройство [мм]	35 мм
CONNECTION / ПОДКЛЮЧЕНИЕ	
Rated Voltage / Рабочее напряжение	50 Гц / 380 V AC - 50 Hz / 380 В переменного тока
Control Voltage / Контрольное напряжение	24VDC / 24 В постоянного тока
Frequency / Частота	50 Hz / 50 Гц
Total Power Consumption / Общая электрическая мощность	30 kW / 30 кВт
Dust Suction Diameter [m³/h] / Выход поглощения пыли [м³/с]	6.000 m³/h / 6000 м³/с
Machine Air Pressure Consumption / Расход давления воздуха в станке	8 Bar / 8 Бар
Type of Air Connection / Тип воздушного соединения	min ¾" (approx. r: 35mm) / мин. ¾" (в среднем 35 мм в диаметре)
OTHER / ДРУГОЕ	
Machine Working Speed / Рабочая скорость станка	10-20 m/min. / 10-20 м/мин.



Esentepe Mahallesi, Uğur Caddesi No: 27
34870 Kartal / İstanbul

0 216 387 05 40 - 41 www.torkmakine.com

torkmakine torkmakine torkmak



Naviga M X180S

Industrial Edge Banding Machine

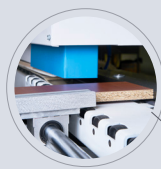
Промышленный кромкооблицовочный станок

www.torkmakine.com

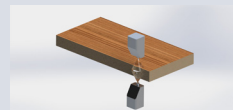
High Performance Units

Высокопроизводительные агрегаты

* Tight Panel Riding System (Optional)
* Опционная система пропуска узких деталей

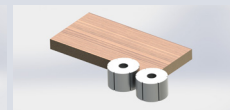


Anti Adhesive Agent Unit



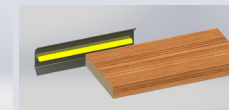
Агрегат анти-клей

Pre Milling Unit



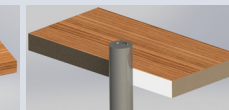
Агрегат передней фрезы

Infrared Pre Heater



Инфракрасный передний нагреватель

Adhesive Pre Melting Unit



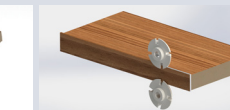
Клеевой агрегат предварительного плавления

Saw Unit



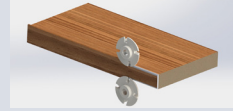
Пильный агрегат

Milling Unit With Servo Control



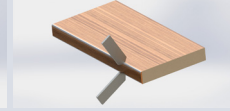
Сервоуправляемая фрезерная установка

Rounder Unit With Servo Control



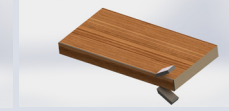
Сервоуправляемый раундер-агрегат

Radius Scrapper Unit



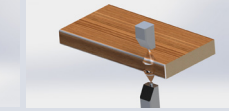
Агрегат радиусной зачистки

Glue Joint Scrapper



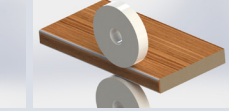
Агрегат очистки от клея

Adhesive Pre Melting Unit



Агрегат очистительной жидкости

Buffing Unit



Полировальный агрегат

Jumping Grooving Saw Unit



Пильный агрегат проточки канавок со скачкообразным движением

NAVIGATOR X180 Everything need for your work!
Всё необходимое вам для работы

Touch Screen
Сенсорный экран



Thanks to 15" Touch Screen, all Units can be control seperately. The advanced nervous system shows the error code on the screen. In this way, operator can fix the problem without Törk Machine Servis Team's help and make your production continue.

3D Diagnostic System
Система выявления неисправностей 3D

The Advanced 3D Diagnostic System on the machine, shows a video of the occurred malfunction on the touch screen.

Entrance Fence with Servo Control
Сервоуправляемый передний козырёк



It moves on two Linear Guides via Servo Motor and backlash free screw. It moves according to the edge milling value of the workpiece.

Pressure Rollers with Servo Control
Сервоуправляемые прижимные ролики



Makes the Necessary Pressure to glue Edge Band to Workpiece. It consists of 1 Big and 4 small Rollers. It automatically adjusts the position accordingly to thickness of the Edge Band.

Top Pressure System with V-Belt
Система верхнего прижима с V-образным ремнем



This Unit Consists of 70 mm V-belt and pressure rollers to assure homogenius pressure. The pressure on the work-piece distributed equally by the help of top pressure beam that avoids the movement of the piece during 20-25 m/min speeds. Belt remains no marks on the high gloss surfaces.

Automatic Lubrication System
Автоматическая система смазки



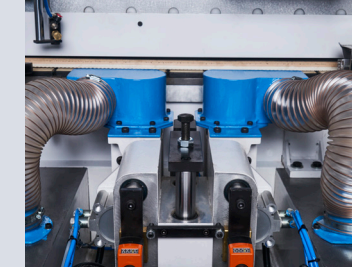
Lubricates the rollers of the caterpillar chain system, which exerts a uniform pressure on the V-belt. Thus, this prevents the generation of heat as a result of friction.

Агрегат анти-клей
Anti Adhesive Agent Unit



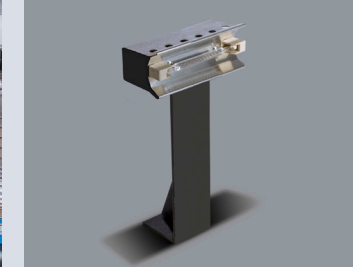
The Cleaning Liquid sprays a special composition of chemical to above and below surface of the laminated parts. This solution prepares the workpiece to cleaning before the Buffing Unit.

Агрегат передней фрезы
Pre Milling Unit



Premilling distance is adjusted through the movement of the servo controlled entrance fence. The machining depth will be entered via Control Panel. High precision servo motor moves its position precisely. Premilling Unit consists of 2 high requency motors that can cut upto 3mm from panel edge.

Инфракрасный передний нагреватель
Infrared PreHeater



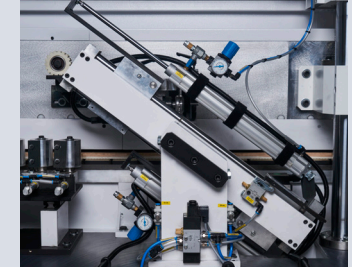
Used to reduce the number of gluing problems, such as "delamination", arising from the contact of cold preforms with hot glue. While the workpiece passing through this unit, the infrared heater heats the surface on which the glue will applied. Thus, a more reliable surface for banding is prepared.

Клеевой агрегат предварительного плавления
Adhesive Pre Melting Unit



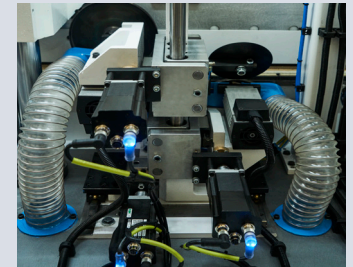
Thanks to the Invertor controlled Glue Unit with Pre Melting, it allows the control of glue applied to the work piece edge. The dirt generated by overhang glue is minimized. Pre Melting gets the granule adhesive and sends required volume of melted glue to the application glue pot. This function minimizes the burned glue defects.

Пильный агрегат
Snipping Unit



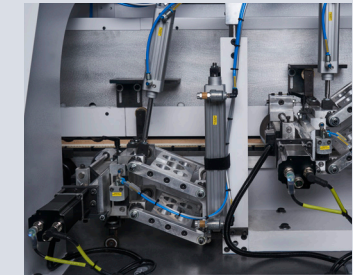
The unit, which tracks the front and back of the part with a mechanical copy, cuts the edge band according to the dimensions of the workpiece. Both saws can be adjusted with angle.

Сервоуправляемая фрезерная установка
Milling Unit With Servo Control



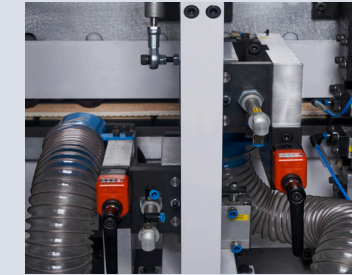
Thanks to Units Control with Servo Motors, the quality of the material obtained at the beginning of the day continues to remain the same throughout the day without disturbing the machine's settings.

Rounder Unit With Servo Control
Сервоуправляемый раундер-агрегат



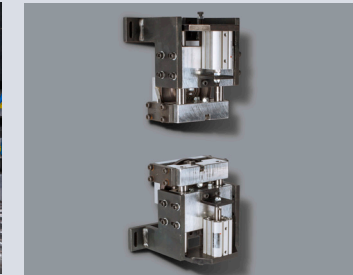
It is automatically adjusted via the control panel, depending on the edge band thickness. Thanks to the high sensitivity of the motor and the encoder, the transition between thickness of the edge bands occurs without error. It Consists of 2 High Frequency Motors which are working independently.

Radius Scrapper Unit
Агрегат радиусной зачистки



"It scrapes the bottom and top edges of the workpiece with the same radius as the tool in the milling unit. Eliminates the defects caused by edge material and workpiece, improves the quality of processing on the surface."

Glue Joint Scrapper
Агрегат очистки от клея



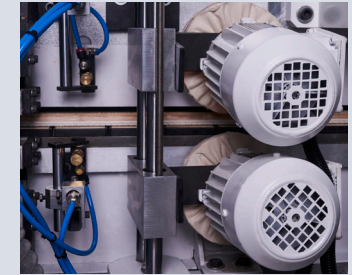
It scrapes the remnants of the glue, by scanning the bottom and top of the workpiece.

Cleaning Agent Unit
Агрегат очистительной жидкости



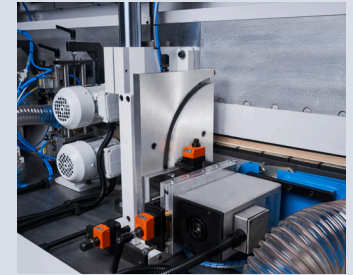
The Cleaning Liquid sprays a special composition of chemical to above and below surface of the laminated parts. This solution prepares the workpiece to cleaning before the Buffing Unit.

Buffing Unit
Полировальный агрегат



After all operations, the workpiece is passes between the polishing wheels and the last cleaning takes place.

Jumping Grooving Saw Unit
Пильный агрегат проточки канавок со скачкообразным движением



Whether grooving through out the piece or with Jumping you get the channel of 3-10 mm.