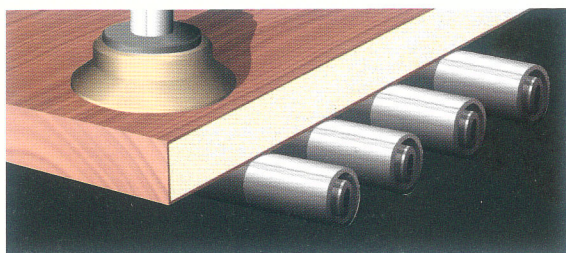


tornado

gp/gps-ltc/tlc





RBO

La famiglia TORNADO include macchine a braccio in versione singola o doppia che rispondono ad ogni esigenza di lavorazione in serie fornendo al cliente soluzioni quanto più possibile personalizzate.

TORNADO GP/GPS - LTC/TLC

The TORNADO family includes swinging arm feeders and stackers, single or double bodied, that fully meet all series production requirements and provide customized solutions on the basis of customers' needs.

TORNADO

Carico e scarico a ventose per linee di squadratura, foratura, verniciatura, squadrabordatura.

Feeder and stacker with suction cups for squaring, boring, lacquering and edgebanding lines.

GP/GPS - LTC/TLC

Girapannelli dal senso longitudinale al senso trasversale e viceversa per linee di squadratura e bordatura.

Panel turner from length- to crosswise and vice versa for squaring and edgebanding lines.

tornado gp/gps ltc/tlc



1. Azionamento braccio a ventose con inverter

2. Fino a 18 cicli/min'

3. Tastiera di programmazione

4. Gestione macchina con PLC incorporato

5. Possibilità di collegamento a qualunque macchina operatrice

6. Sistema di distacco pannelli

7. Sistema di aggiustamento pannelli

1. Swinging arm motorization by means of frequency changer

2. Up to 18 cycles/min.

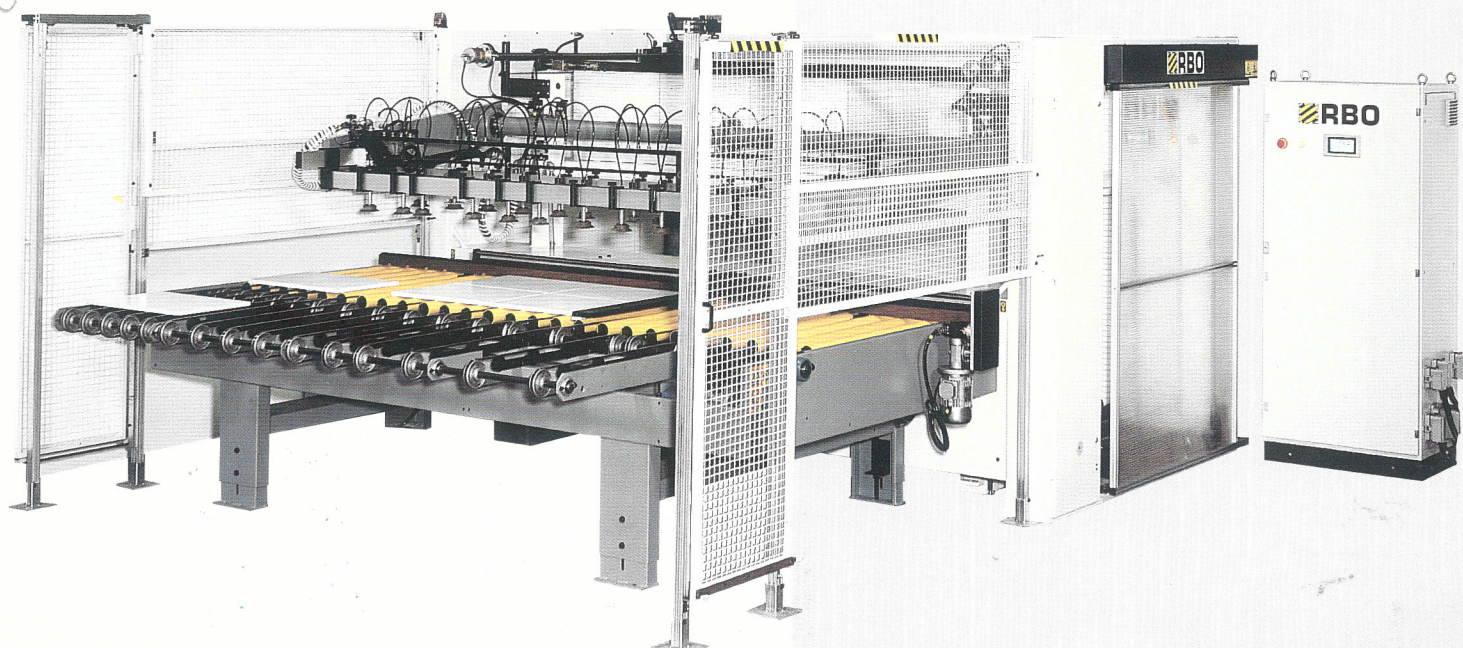
3. Keyboard to programme the machine

4. PLC to control the machine working cycle

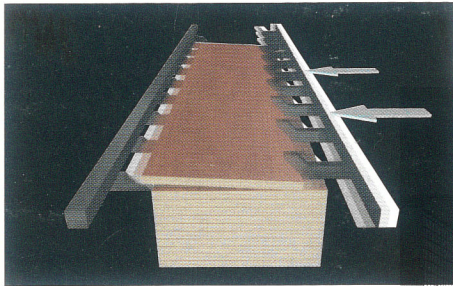
5. Possible connection with any operating machine

6. Panel detaching system

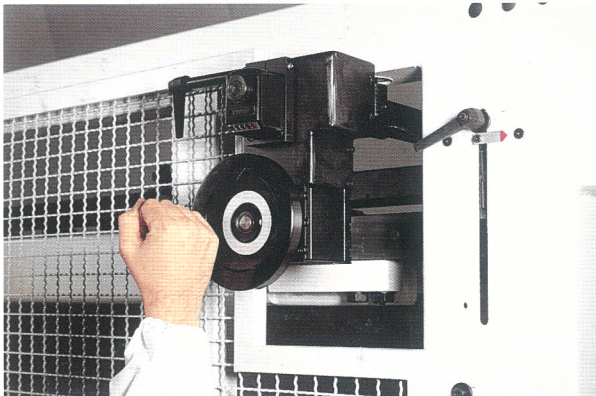
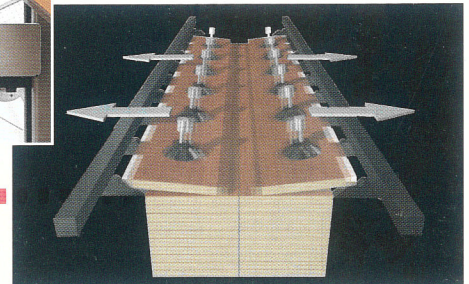
7. Panel adjustment system



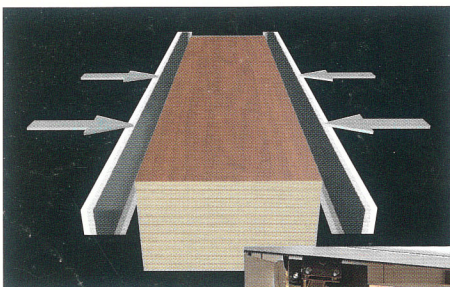
do tornado tornado tornado tornado



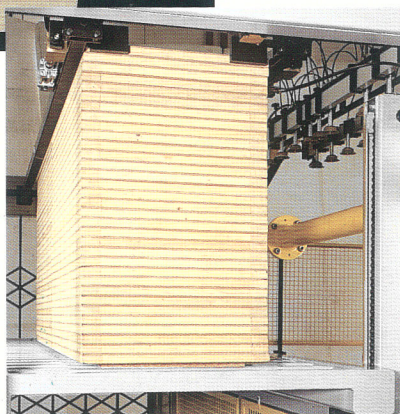
Sistema di distacco pannelli in singola e doppia fila
Panel double and single row detaching system



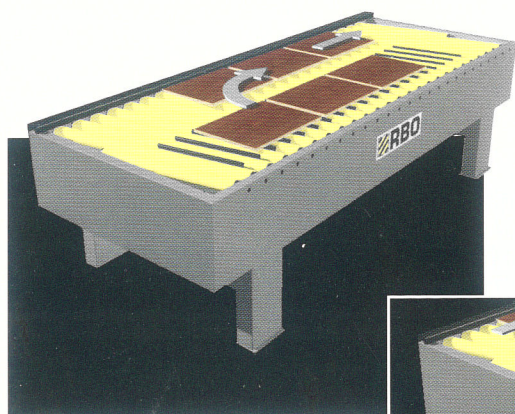
Regolazione distaccatore/aggiustatore tramite volantino
Adjustment of the panel detacher/adjuster by means of handle wheel



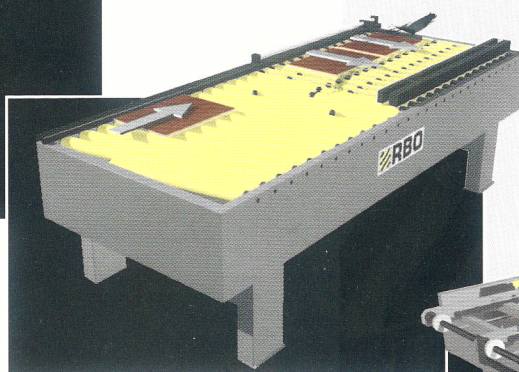
Sistema di aggiustamento pannelli
Panel adjustment system



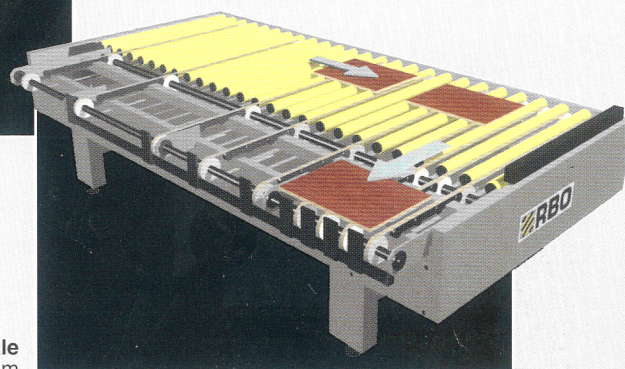
tornado tornado tornado tornado to



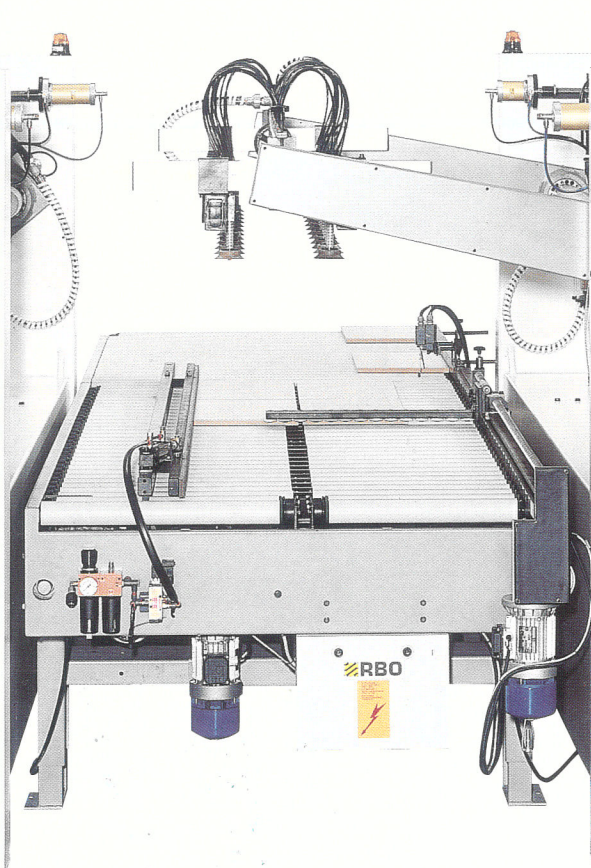
Sistema di carico pannelli in doppia fila
Panel double row feeding system



Sistema di scarico pannelli in doppia fila
Panel double row stacking system



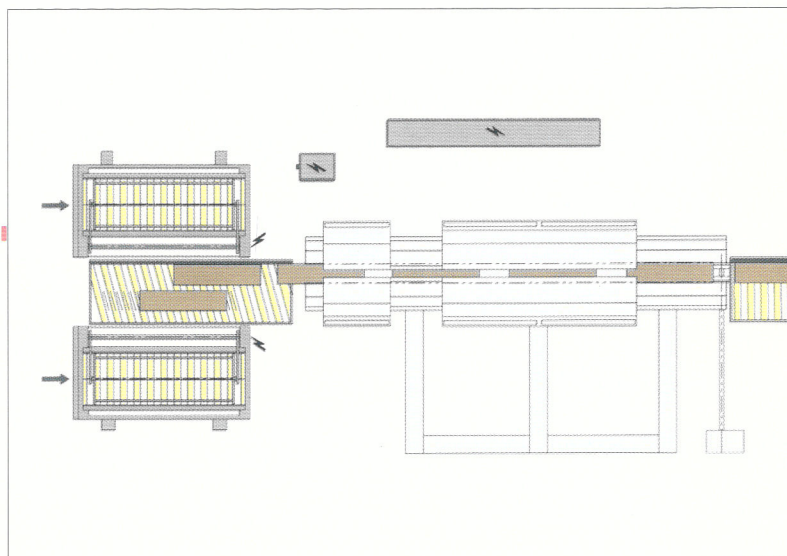
Sistema di carico pannelli in senso trasversale
Panel crosswise feeding system



of processing lines esempi di linee

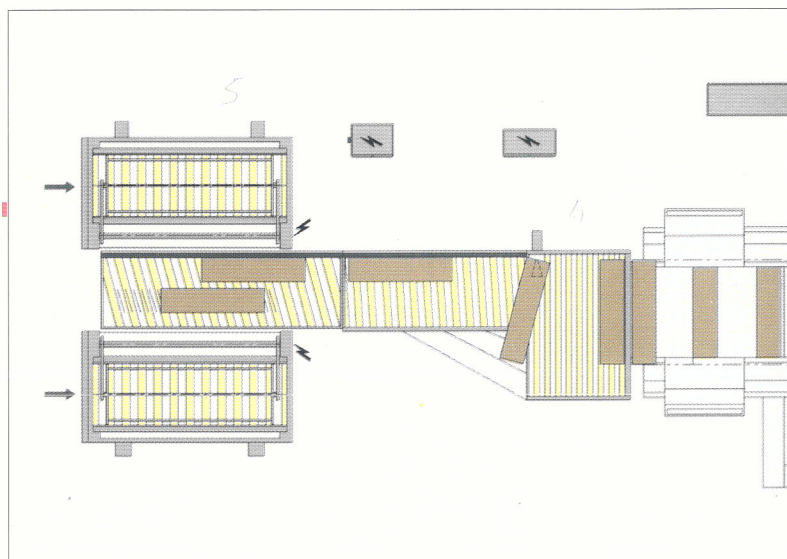
TORNADO S - GP90 - GPS88 - TORNADO SC

Linea di squadrabordatura
Squaring-edgebanding line



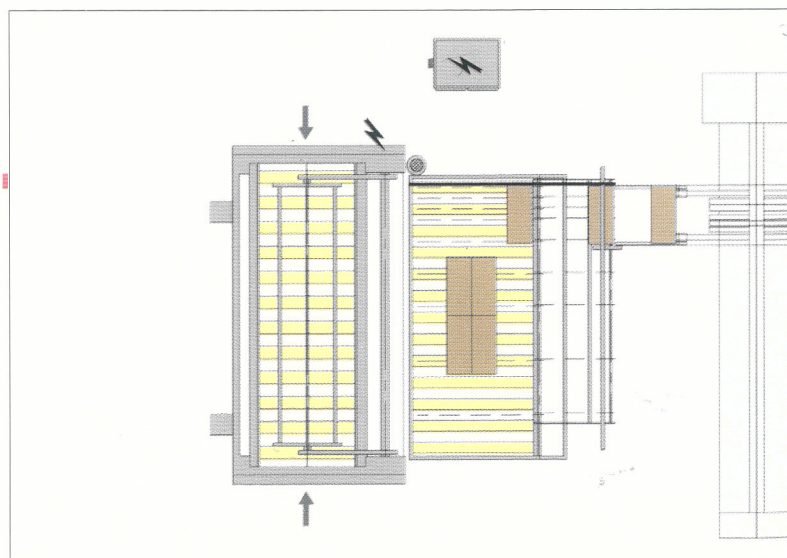
TORNADO S/D - LTC - TLC - TORNADO SC/D

Mezza linea di squadrabordatura e foratura
Squaring-edgebanding and boring half-line

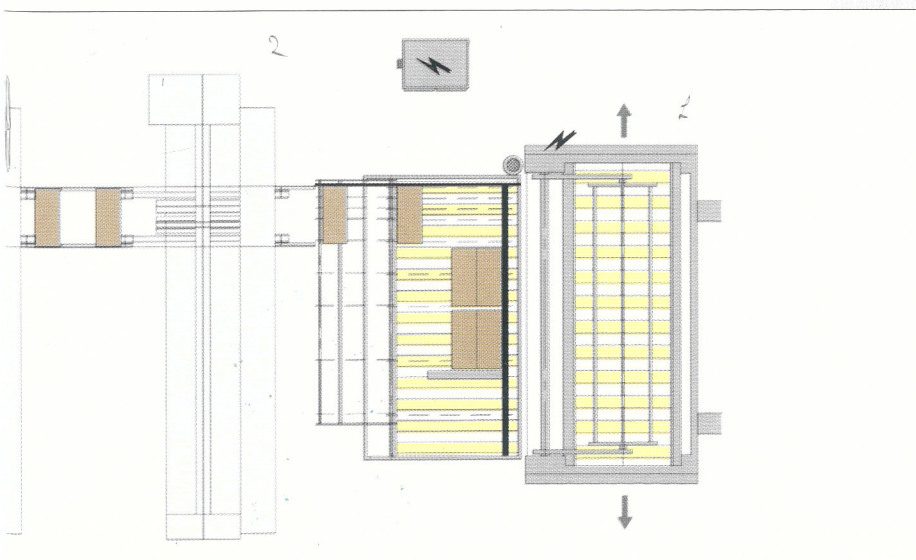
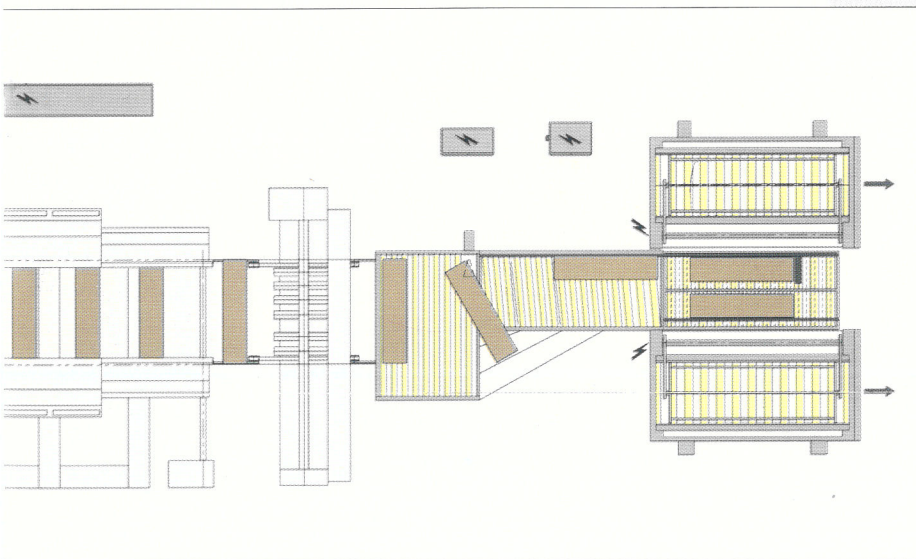
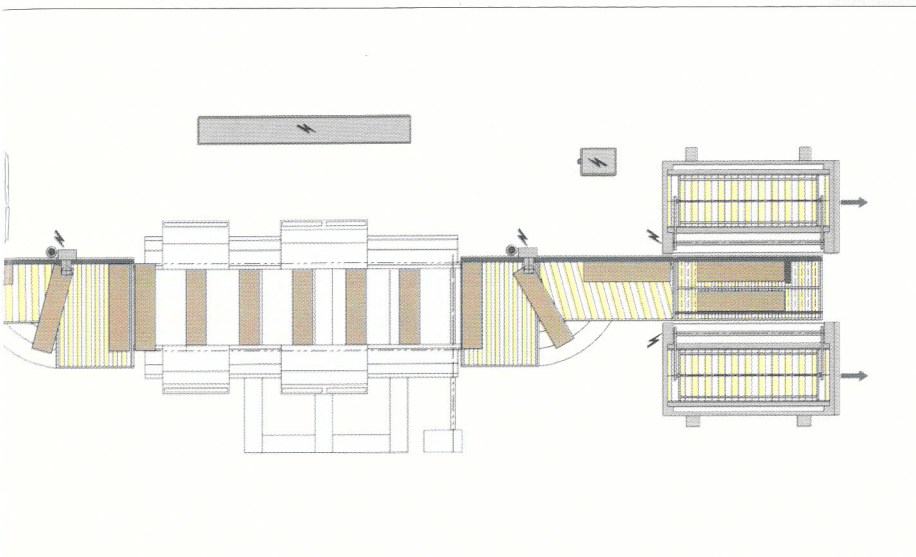


TORNADO S/FE- TORNADO SC/FE

Linea di foratura
Boring line



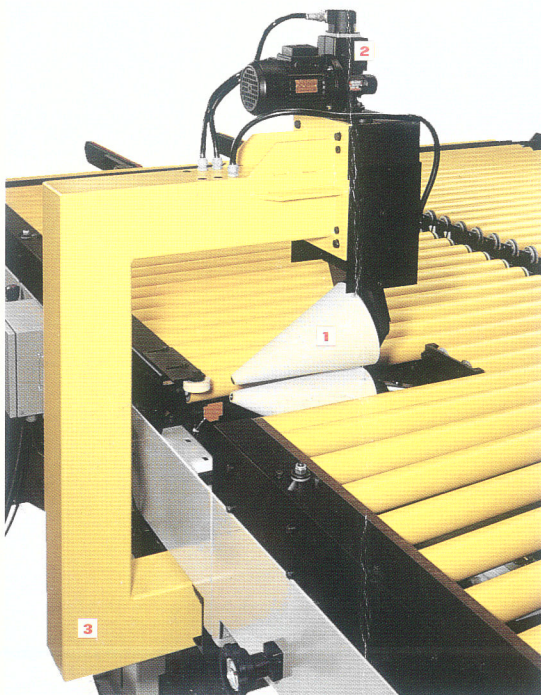
examples of processing lines esem



ltc/tlc gp/gps-ltc/tlc gp/gps-ltc/tlc

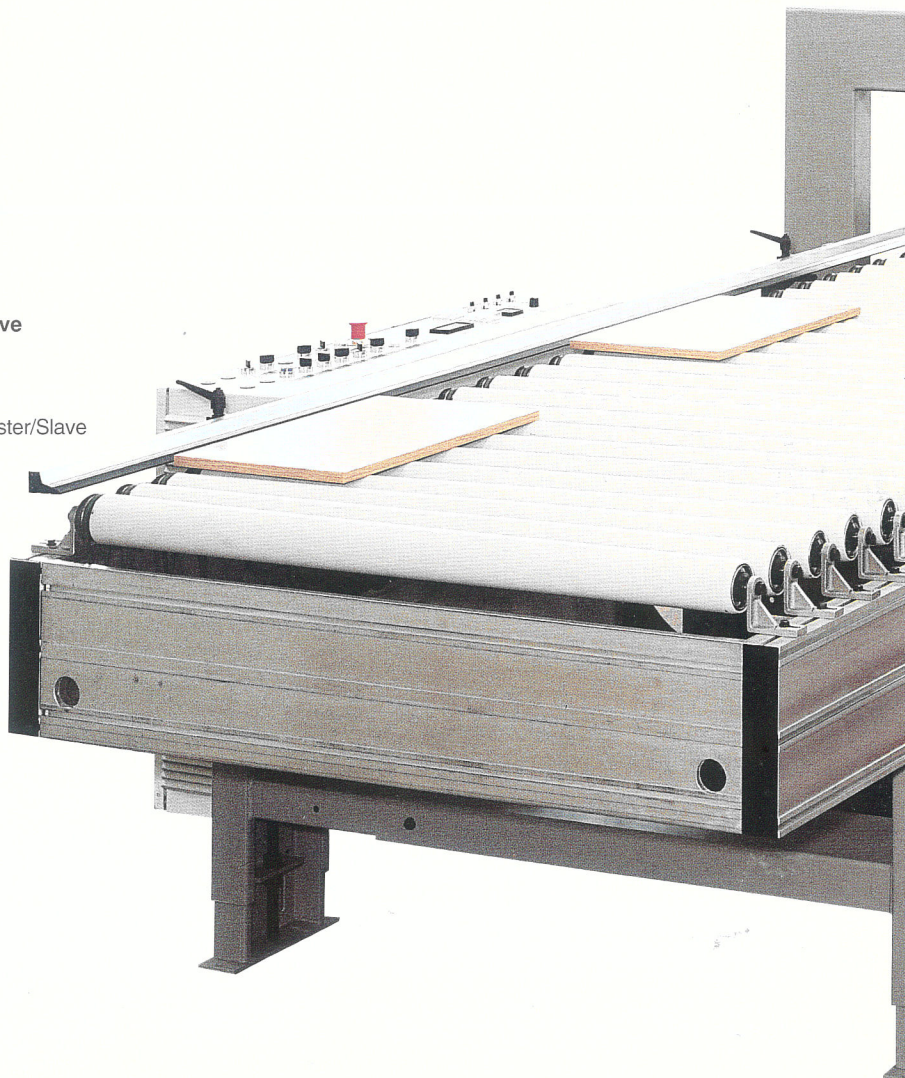
- 1 Gruppo di rotazione a doppio disco
- 2 Regolazione manuale spessore dischi con chiave
- 3 Battuta pneumatica di riscontro
- 4 Ruote di pressione

- 1 Rotation group with double disc
- 2 Manual adjustment of disc thickness by means of key
- 3 Pneumatic guide
- 4 Pressure wheels



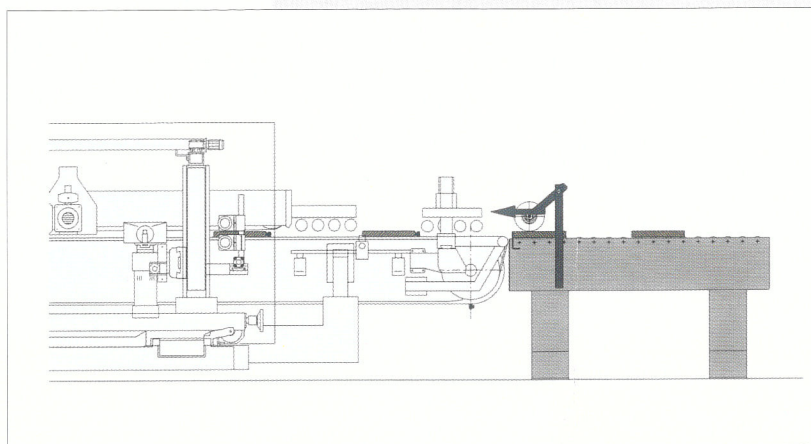
- 1 Gruppo di rotazione a doppio cono
- 2 Regolazione elettrica spessore coni con Master/Slave
- 3 Regolazione manuale o elettrica colonna rotazione

- 1 Rotation group with double cone
- 2 Electric adjustment of the cone thickness by means of Master/Slave
- 3 Manual or electric adjustment of the rotation column

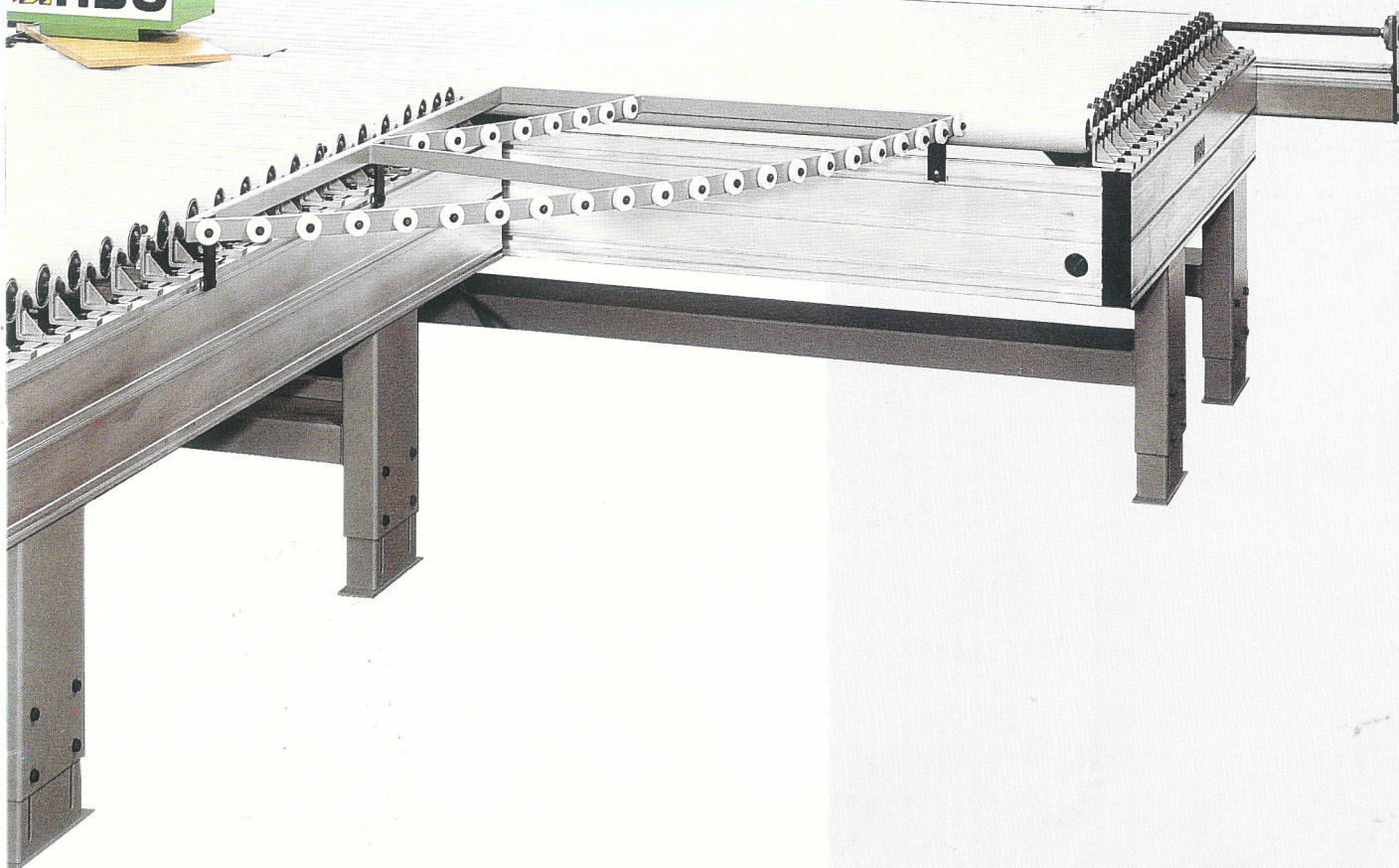
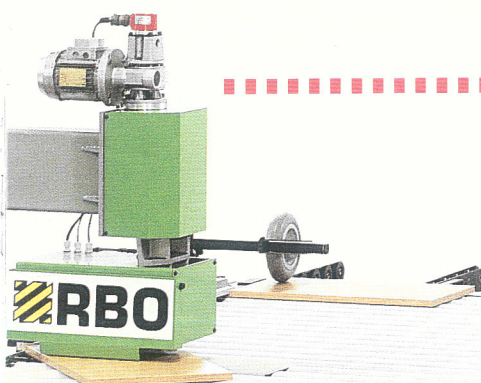
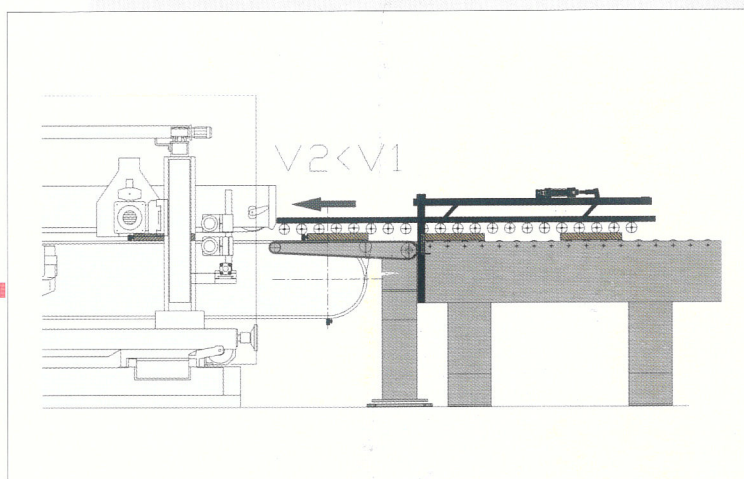


gp/gps-ltc/tlc gp/gps-ltc/tlc gp/gp

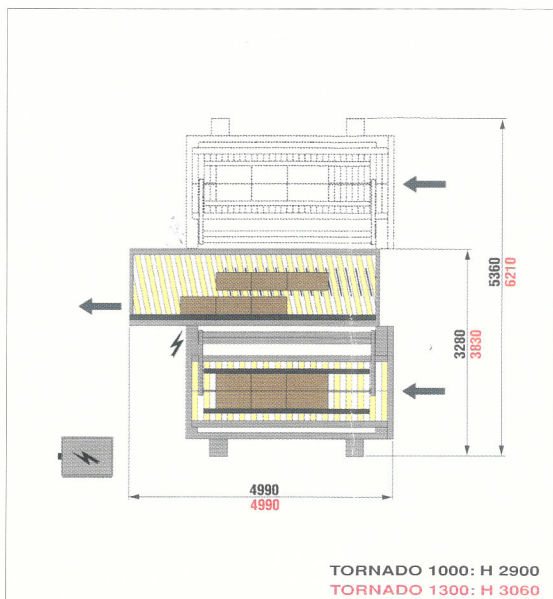
Gruppo di introduzione per squadratrice-
bordatrice a catena lunga
Feeding group for long chain double end
tenoner



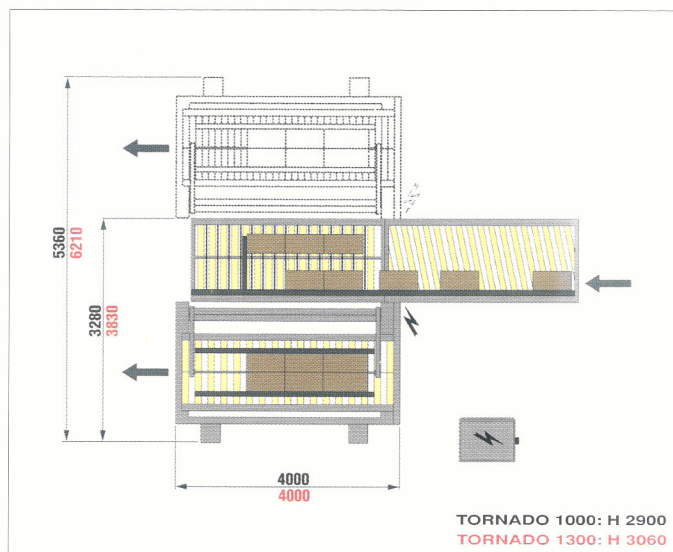
Gruppo di introduzione per squadratrice-
bordatrice a catena corta
Feeding group for short chain double end
tenoner



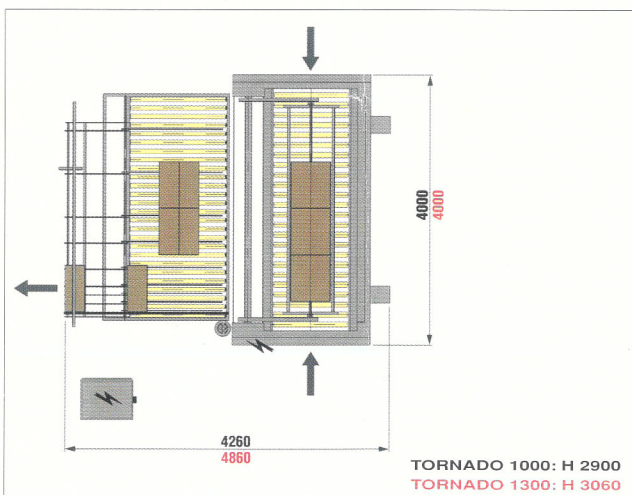
TORNADO S-TORNADO S/D



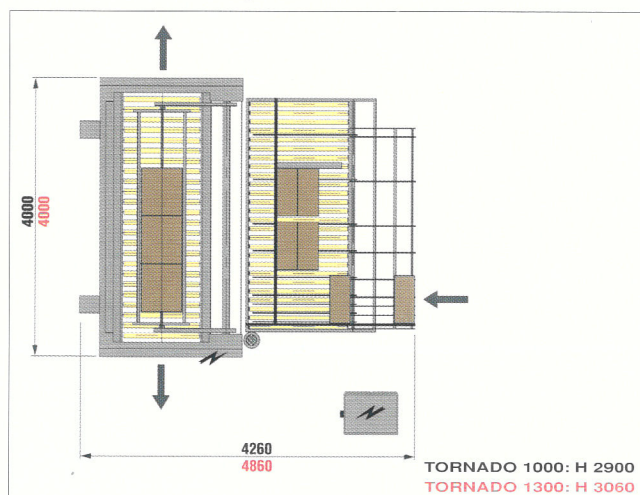
TORNADO SC-TORNADO SC/D



TORNADO S/FE



TORNADO SC/FE



DATI TECNICI

TECHNICAL DATA

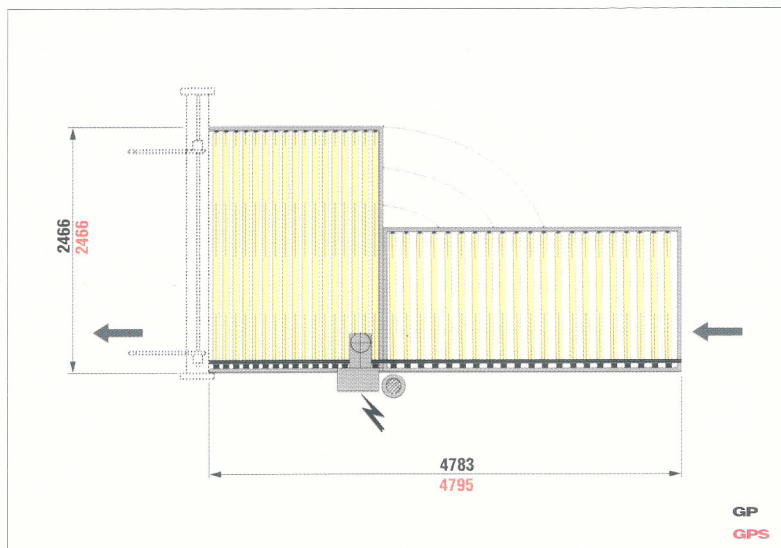
TORNADO 1000

TORNADO 1300

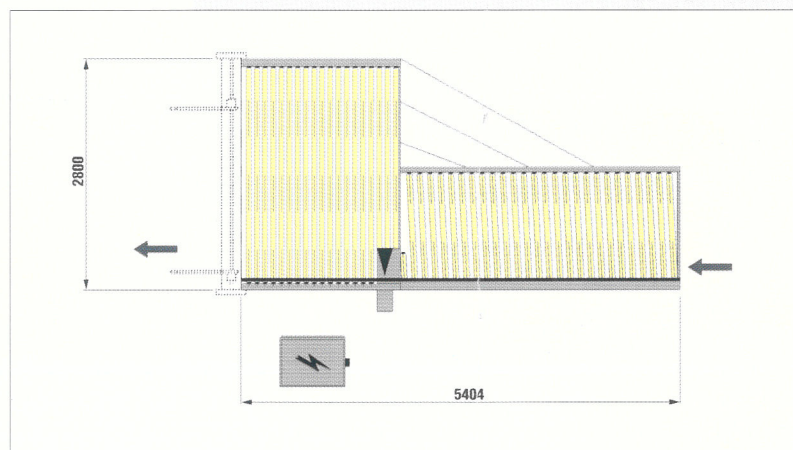
DATI TECNICI	TECHNICAL DATA		TORNADO 1000	TORNADO 1300
Dimensioni max. pannelli in doppia fila	Max. panel dimensions in double row	mm.	(450+450)x3000	(550+550)x3000
Dimensioni max. pannelli in singola fila	Max. panel dimensions in single row	mm.	900x3000	1200x3000
Dimensioni min. pannelli in doppia fila	Min. panel dimensions in double row	mm.	(150+150)x320	(150+150)x320
Dimensioni min. pannelli in singola fila	Min. panel dimensions in single row	mm.	250x320	250x320
Spessore	Thickness	mm.	10-40	10-40
Cicli/ 1' senza inverter (peso max. pannello 50 kg.)	Cycles/1' without frequency changer (max. panel weight 50 kg.)	N.	15	12
Cicli/ 1' con inverter (peso max. pannello 50 kg.)	Cycles/1' with frequency changer (max. panel weight 50 kg.)	N.	20	18
Altezza netta pila (con altezza rulliera 250 mm.)	Net stack height (rollerway height 250 mm.)	mm.	1600	1600
Altezza rulliera	Rollerway height	mm.	230-300	230-300
Potenza installata	Installed power	kw	6,6	6,6
Consumo aria compressa	Compressed air consumption	lt/1'	5-10	5-10
Portata max. elevatore	Carrying capacity	kg	3500	3500
Velocità rulli	Roller speed	mt/1'	15-75	15-75

technical information informazioni

GP/GPS



LTC/TLC



DATI TECNICI	TECHNICAL DATA		GP/GPS	LTC/TLC
Dimensioni max. pannelli	Max. panel dimensions	mm.	1200x3000	1200x3000
Dimensioni min. pannelli	Min. panel dimensions	mm.	250x320	250x320
Spessore	Thickness	mm.	10-50	10-50
Peso max. pannello	Max. panel weight	kg	50	50
Cicli/ min.(in funzione del peso del pannello)	Cycles/min. (according to the panel weight)	N.	25	30
Potenza installata	Installed power	kw	3	4
Consumo aria compressa	Compressed air consumption	lt/1'	5/10	5/10
Velocità rulli	Roller speed	mt/1'	15-75	15-75



Biesse
Biesse Group _Divisione Legno
Woodworking machinery

61100 Pesaro _Italia
Località Chiusa di Ginestreto
Via della Meccanica 16
Tel. +39.0721.439000
Fax +39.0721.439005
www.biesse.it