

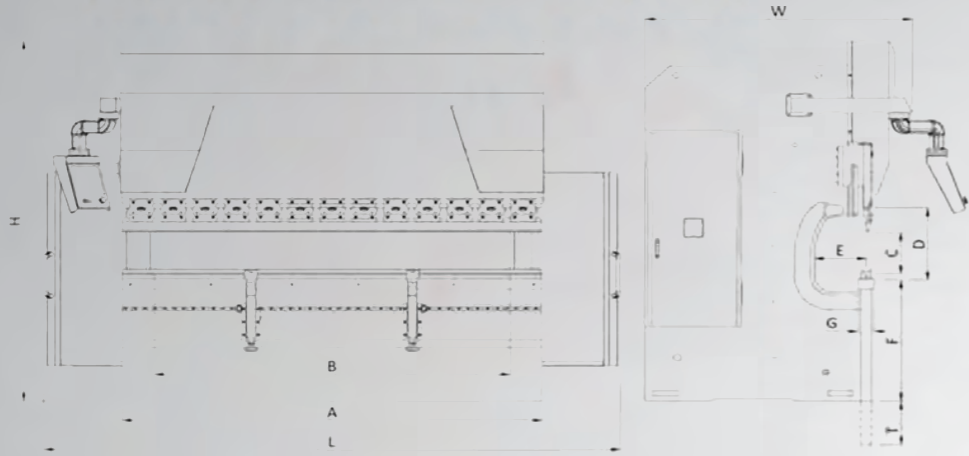
T@tech[®] Fortis

Series



T@tech[®] ADDS QUALITY TO YOUR BUSINESS
VALUE TO YOUR QUALITY

Fortis Series Technical Details



MODEL	BENDING FORCE	BENDING LENGTH	DISTANCE BETWEEN COLUMNS	STROKE	DAYLIGHT	THROAT DEPTH	TABLE HEIGHT	TABLE WIDTH	FREE FALL SPEED	PRESSING SPEED	RETURN SPEED	X AXIS STROKE	ENGINE POWER	WIDTH	LENGTH	HEIGHT	APOXIMATE WEIGHT
	TON	mm	mm	mm	mm	mm	mm	mm	mm/s	mm/s	mm/s	mm	kW	mm	mm	mm	Kg
	A	B	C	D	E	F							W	L	H		
Fortis - 21060	60	2100	1700	265	490	410	900	110	120	10	110	750	7,5	1700	2950	2750	5150
Fortis - 26100	100	2600	2200	265	490	410	900	110	120	10	110	750	11	1780	3460	2850	7120
Fortis - 31100	100	3100	2600	265	490	410	900	110	120	10	110	750	11	1780	3960	2850	7760
Fortis - 31135	135	3100	2600	265	490	410	900	110	120	10	110	750	15	1800	4000	2870	8750
Fortis - 31175	175	3100	2600	265	490	410	900	110	120	10	110	750	18,5	1820	4040	2900	9960
Fortis - 31220	220	3100	2600	265	490	410	900	110	120	10	110	750	22	1820	4100	2950	11500
Fortis - 31320	320	3100	2600	300	530	510	930	110	120	10	100	750	30	2100	4120	2980	15600
Fortis - 41175	175	4100	3600	265	490	410	950	110	120	10	110	750	18,5	1780	5060	2950	11660
Fortis - 41220	220	4100	3600	265	490	410	950	110	120	10	110	750	22	1800	5080	2950	13500
Fortis - 41320	320	4100	3600	300	530	510	950	110	120	10	100	750	30	2130	5120	3160	18500
Fortis - 41400	400	4100	3400	300	530	510	1050	150	100	9	100	750	37	2150	5120	3300	25560
Fortis - 61220	220	6100	5100	265	490	410	1050	150	100	9	100	750	22	1820	7100	3350	19000
Fortis - 61320	320	6100	5100	300	530	510	1100	240	80	9	80	750	30	2130	7100	3500	23100
Fortis - 61400	400	6100	5100	300	530	510	1200	240	80	9	80	750	37	2400	7100	3600	31800
Fortis - 12560	60	1250	1050	160	400	350	900	110	120	10	110	750	7,5	2350	2300	1550	4700



› **ALL PARTS**
WE DESIGN AND PRODUCE IN HOUSE

Notice the Difference **Feel The Trust**

Osm Machine, which keeps the technology up to date in the sheet processing sector, with its patented dynamic hydraulic crowning system used in press brakes produced under the **TQtech** brand guarantees the same bending at each point by tolerating the deformation and we are proud to apply this technology for the first time in Türkiye.



TQtech ADDS QUALITY TO YOUR BUSINESS
VALUE TO YOUR QUALITY

TQtech

SPEED
SENSITIVITY
COMFORT

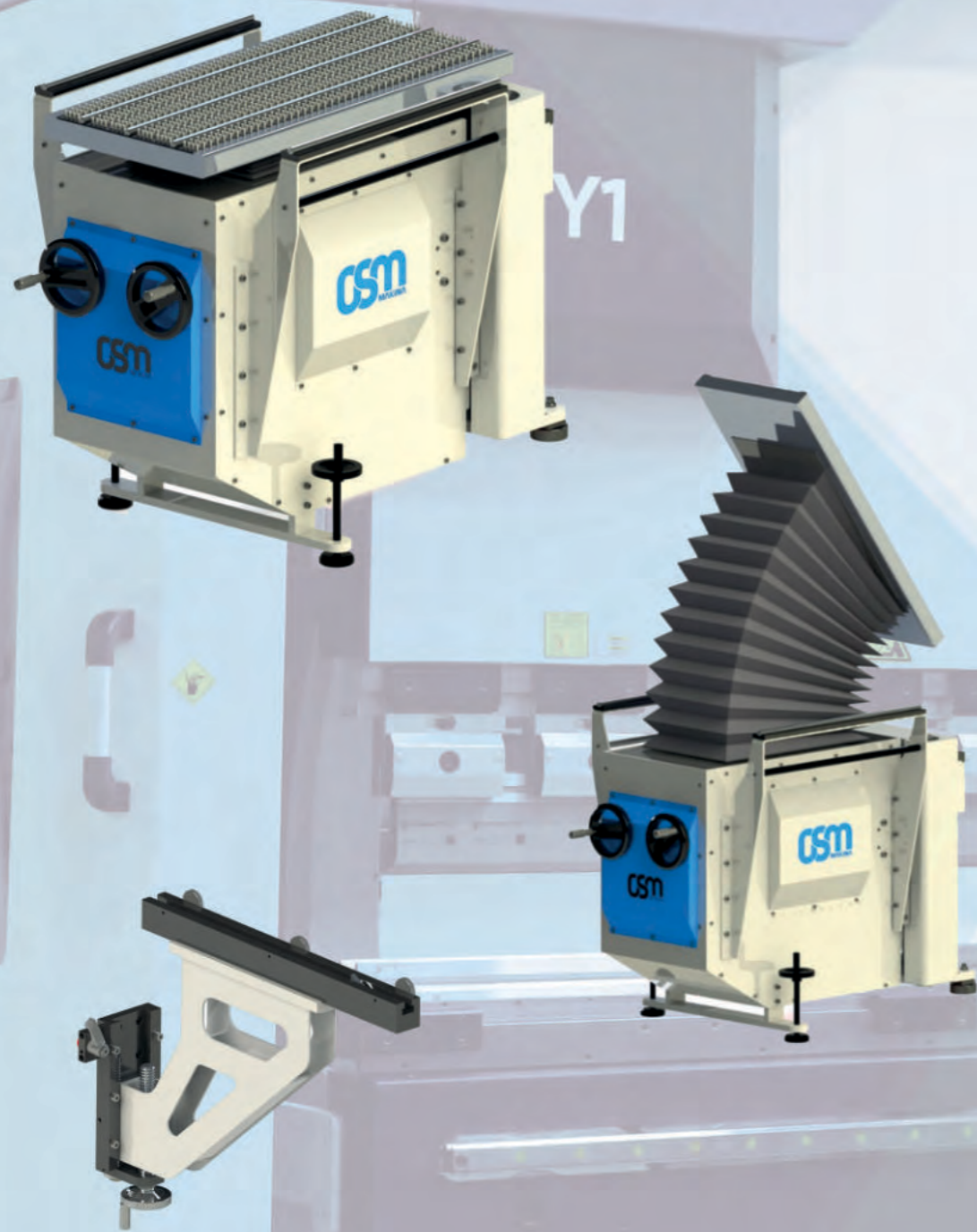
**> BACK GAUGE
FEATURES**

STANDARD 4 AXIS

OPTIONAL 6 AND 8 AXIS

BACK GAUGE SYSTEMS WITH HIGH SPEED AND MEASUREMENT PRECISION

› FRONT SUPPORT AND AP SHEET FOLLOWER SYSTEMS



> BODY DEFORMATION PREVENTION SYSTEM

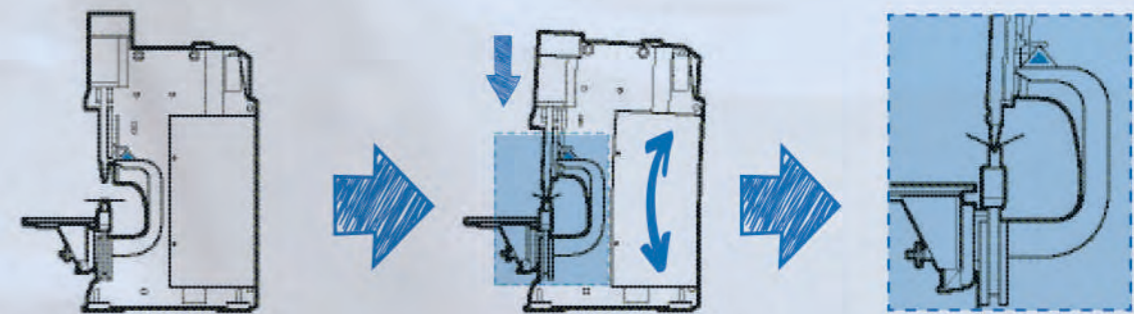
During the bending process, the side frames are subject to bending. This effect causes the base to move away from the beam, jeopardizing the accuracy of the control systems.

Frame deformation is a physical phenomenon that cannot be prevented.

T^Qtech machines have a sliding system connected to a linear encoder placed on C-shaped side frames anchored to the bottom beam.

Since the C supports are not attached to the machine frame, they are not affected by structural deflections and ensure the correct positioning of the top table, ensuring the same bending angle across the entire workpiece.

Regardless of length, thickness and location.



> THE QUALITY THE USER KNOWS

The hydraulic circuit represents the heart, veins and muscles of a press brake.

Two-cylinder hydraulic operation

High performance hydraulic gear pump

High-pressure filter placed in front of all components (with blockage detector and bypass)

Air vent filter in the reservoir

The rapid descent by gravity, the tilt phase and the return of the ram are electronically controlled via a proportional pressure valve.

Bending force controlled by pressure proportional valves

Quality oil with high viscosity index

Hydraulic components from the world's leading companies

Connectors and system tube dimensioning according to DIN regulations

Flanged connectors and hoses according to SAE regulations

Sizing of the reservoir to provide better heat dissipation and optional heat exchanger in countries with tropical climates or intensive operating cycles

Oil heaters to quickly bring oil to optimum operating temperature in cold climates

The layout of the components is such as to ensure maximum serviceability and also to allow the installation of additional hydraulic units of any accessory.

Cylinders whose manufacture is based on high quality materials, hardening radiant treatment and very precise grinding for slippery surfaces

The selection of seals and the dimensioning of housings is the result of many years of experience.



STANDART & OPTIONAL
TOP AND BOTTOM TOOL
& CLAMPING SYSTEMS



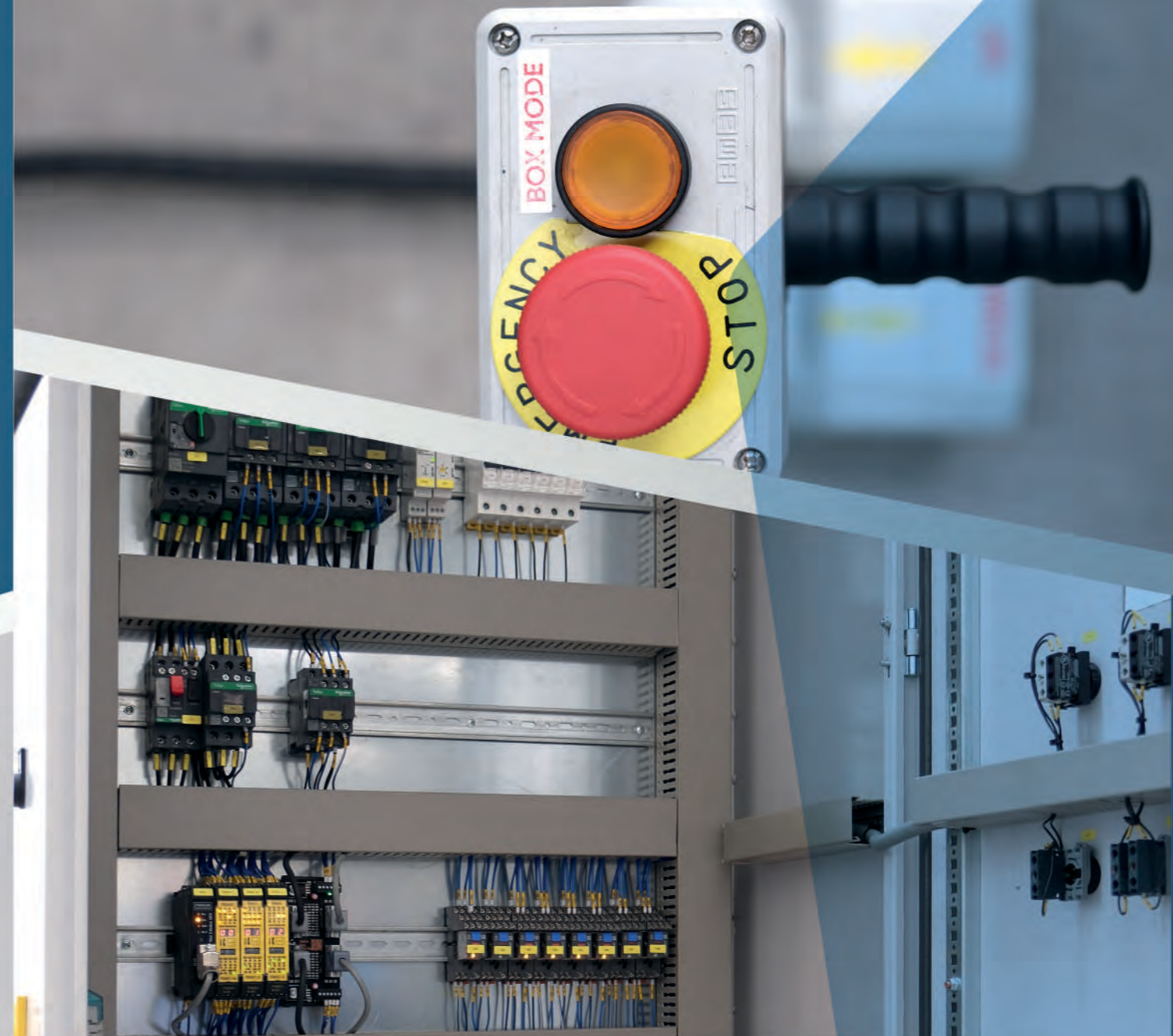
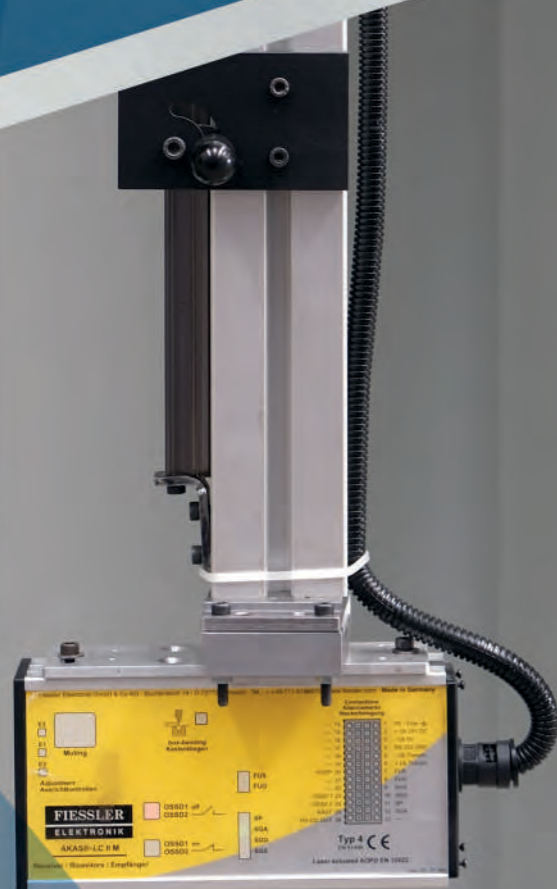
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T@tech®
osmmakina.com

CE CERTIFIED ELECTRONIC
AND SECURITY SYSTEMS

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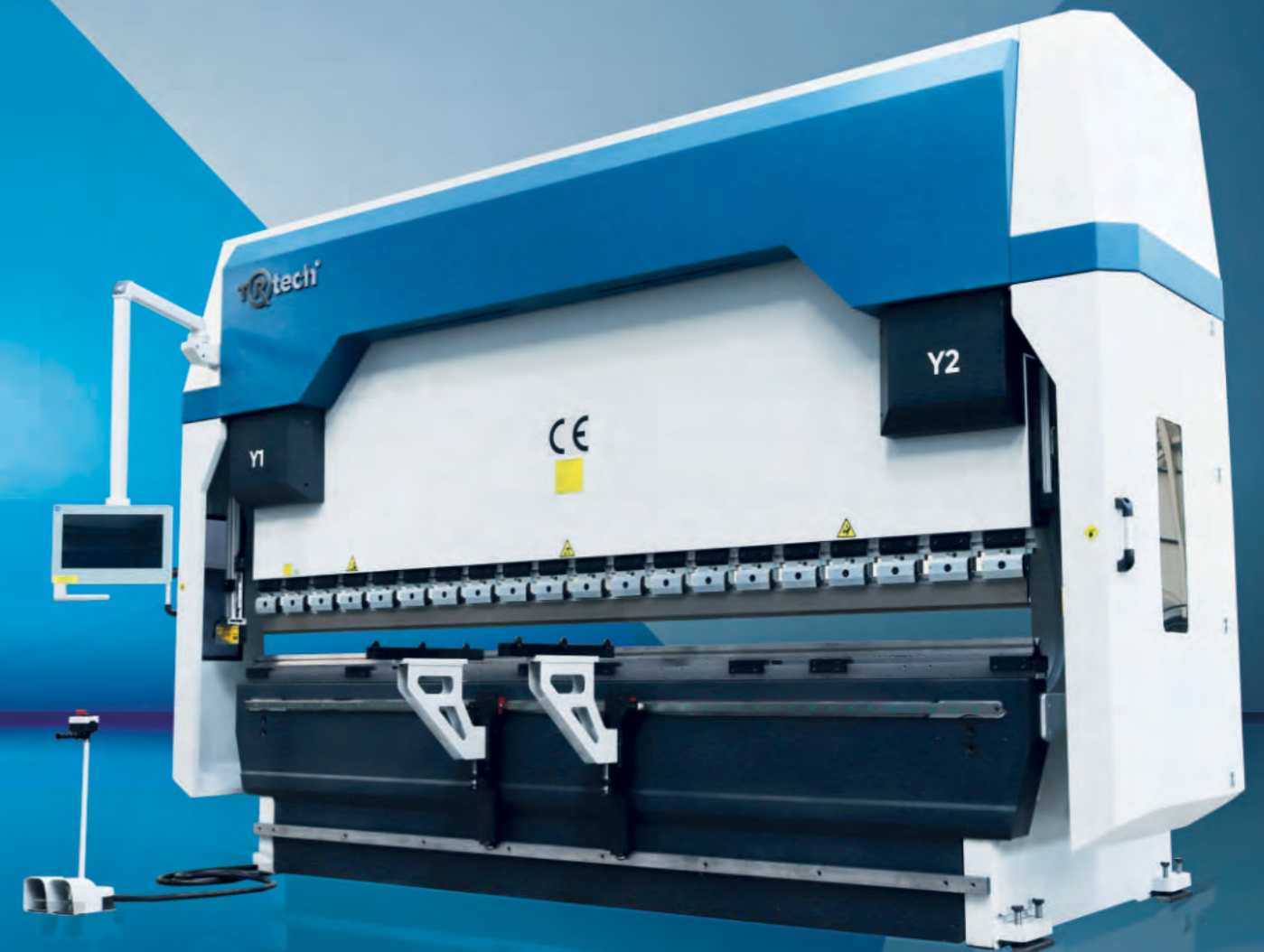


UNLIMITED OPTIONS FOR YOUR PRESS BRAKE

- LENGTH
- TONAGE
- DAYLIGHT
- STROK
- THROAT
- BACK GAUGE
- FRONT SUPPORT AND SHEET FOLLOWER SYSTEMS

Fortis

THE QUALITY
THE USERS KNOW



TRtech

Fortis

STYLISH DESIGN

HIGH SENSITIVITY
HYDRAULIC
CYLINDERS

LED LIGHTING

STANDARD, HYDRAULIC
AND PNEUMATIC
TOP DIE HOLDER

ALL KINDS OF HOLDER
TYPES

THE BEST
FOR YOU

TQtech[®]



T@tech ADDS QUALITY TO YOUR BUSINESS
VALUE TO YOUR QUALITY

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