



TMC 1000 (NEW)

CNC DİK İŞLEM MERKEZİ
CNC VERTICAL MACHINING CENTER



- YÜKSEK HASSASİYET (TEKRARLAMA 2μ /300mm, POZİSYONLAMA 3μ /300mm)
- YÜKSEK RİJİDİTE
- YÜKSEK HIZ (36 m/dak.)
- SERİ KILAVUZ ÇEKME (ADAPTÖRSÜZ 40 delik/dak., HSS, M4, $\text{Ç}1040$)
- YÜKSEK DELİK DELME GÜCÜ (40 mm, HSS, $\text{Ç}1040$)
- YÜKSEK KESME GÜCÜ ($140 \text{ cm}^3/\text{dak.}$ $\text{Ç}1040$)
- PROGRAMLAMA VE TEZGAH KULLANIMI İÇİN ÜCRETSİZ EĞİTİM, SERVİS VE YEDEK PARÇA GÜVENCESİ
- İŞ MİLİ YAĞ SOĞUTMA SİSTEMİ İLE DİZAYN EDİLMİŞTİR
- DIALOG PROGRAMLAMA SİSTEMİ
- TÜM EKSENLERDE LİNEER KIZAKLAR

- HIGH ACCURACY (REPEATABILITY 2μ /300mm, POSITIONING 3μ /300mm)
- HIGH RIGIDITY
- HIGH SPEED (36 m/min.)
- RAPID TAPPING (40 hole/min., HSS, M4,)
- SAE 1040 WITHOUT ADAPTER)
- HIGH MILLING POWER (40 mm, HSS, SAE 1040)
- HIGH CUTTING POWER ($140 \text{ cm}^3/\text{min.}$, HSS, SAE 1040)
- FREE TRAINING PROGRAMMING AND OPERATING MACHINE
- GUARANTEE OF SERVICE AND SPARE PARTS
- SPINDLE PRODUCED USING OF OIL QUANCHING SYSTEM
- DIALOG PROGRAMMING SYSTEM
- ALL AXIS LINEER GUIDE

TECHNICAL SPECIFICATIONS	TEKNİK ÖZELLİKLER	DEĞER (VALUE)	BİRİM (UNIT)
MOVEMENTS	HAREKETLER		
X/Y/Z/ AXIS TRAVEL	X/Y/Z EKSEN HAREKETLERİ	1020/510/560	mm
SPINDLE NOSE TO TABLE	İŞMİLİ BURNU TABLA ARASI MESAFE	150 ~ 710	mm
SPINDLE CENTER TO COLUMN SURFACE	İŞ MİLİ MERKEZİ İLE SÜTUN ARASI MESAFE		mm
TABLE	TABLA HAREKETLERİ		
TABLE OVERALL SIZE	TABLA EBADI	1200 x 500	mm
WORKING AREA	ÇALIŞMA ALANI		mm
MAX. LOADING WEIGHT	TABLA YÜKÜ	800	Kg
T SLOTS (WIDTH x NO x PITCH)	T-KANALI GENİŞLİK x ADET x ARALIK	18 x 5 x 100	mm
DISTANCE (FLOOR TO TABLE SURFACE)	TABLA YÜZEYİNİN YERDEN YÜKSEKLİĞİ		
SPINDLE	İŞ MİLİ		
SPINDLE SPEED	DEVİR ARALIĞI	8,000	Rpm
		10,000	Rpm (OPTION)
		BT40	
		BBT40	(OPTION)
SPINDLE TAPER	İŞ MİLİ KONIĞİ		
MAX. SPINDLE TORQUE	MAX. TORK		
LUBRICATION SYSTEM	YAĞLAMA SİSTEMİ	GRES (SONSUZ ÖMÜR) / GREASE (FOR LIFE)	
FEEDRATE	İLERLEMELER		
RAPID TRAVERSE X,Y,Z	HIZLI İLERLEME X,Y,Z	36/36/36	M/min.
CUTTING FEEDRATE	KESME İLERLEMESİ	1 ~ 15	M/min.
MANUAL FEEDRATE	ELLE İLERLEME	1-10-100	mm/min.
BALL SCREWS (X,Y,Z) (C3)	BİLYALI MİLLER (X,Y,Z) (C3)	C3 40mm	
AUTOMATIC TOOL CHANGER	TAKIM MAGAZİN		
TYPE	TİPİ	ARMLESS / SEMSİYE TİPİ	
		ARM TYPE / KOLLU	(OPTION)
		16	Tools
CAPACITY	KAPASİTESİ	24	Tools (OPTION)
TOOL SELECTION	TAKIM SEÇME YÖNTEMİ	RANDOM, BI-DIRECTIONAL	
TOOL DIAMETER/LENGTH/WEIGHT	MAX. TAKIM ÇAP/BOYU/AĞIRLIĞI	Ø100 / 300mm / 7 Kg	
ATC TIME, TOOL TO TOOL	TAKIM DEĞİŞTİRME ZAMANI (TAKIMDAN TAKIMA)	1,6	Second
ATC TIME, CHIP TO CHIP	TAKIM DEĞİŞTİRME ZAMANI (TALAŞTAN TALAŞA)	3,1	Second
MOTOR	MOTOR		
SPINDLE MOTOR (MITSUBISHI)	İŞ MİLİ MOTORU MITSUBISHI(S1/S2)	15 HP (7.5/11)	
X & Y AXIS MOTOR (MITSUBISHI)	X & Y EKSEN MOTORU (MITSUBISHI)	2 kW	
Z AXIS MOTOR (MITSUBISHI)	Z EKSEN MOTORU (MITSUBISHI)	3 kW	
COOLANT PUMP	SOĞUTMA SIVISI POMPASI	0,75 kW	
ATC MOTOR	ATC MOTORU		
LUBRICATION MOTOR	YAĞLAMA MOTORU	80 Watt, 220V	
ELECTRICTY AND AIR CONSUMPTION	ELEKTRİK VE HAVA İHTİYACI		
ELECTRICTY NEEDED	ELEKTRİK İHTİYACI	25	KVA
AIR NEEDED	HAVA İHTİYACI	5-7	kgf/cm²
COOLING	SOĞUTMA		
TANK CAPACITY	TANK KAPASİTESİ	155	Lt
PUMP CAPACITY	POMPA KAPASİTESİ	60	Lt/min.-2m
WEIGHT & FLOOR SPACE	AĞIRLIK VE BOYUTLAR		
MACHINE NET WEIGHT (APPROX)	AĞIRLIK	5,190	Kg
FLOOR SPACE (L x W x H)	ÇALIŞMA ALANI	2,980 x 2,955 X 3,044	mm

STANDART ACCESSORIES / STANDART AKSESUARLAR

- COOLANT EQUIPMENT / SOĞUTMA DONANIMI
- LUBRICATION EQUIPMENT / YAĞLAMA DONANIMI
- LIGHTING SYSTEM / AYDINLATMA DONANIMI
- OPERATOR CALLING LAMP / OPERATÖR ÇAĞIRMA LAMBASI
- TELESCOPIC SLIDEWAYS / TELESKOPİK KAPAKLAR
- FULLY ENCLOSED CABINET / KOMPLE KAPALI KAPORTA
- RAPID TAPPING / ADAPTÖRSÜZ SERİ KILAVUZ ÇEKME
- CHIP CONVEYOR / TALAŞ KONVEYÖRÜ
- TOOLS AND TOOLS BOX / TAKIM VE AVADANLIKLAR
- OPERATON AND MAINTENANCE MANUAL / TEZGAH BAKIM VE KULLANMA KİTABI
- MACRO PROGRAMING / MAKRO PROGRAMLAMA
- GRAPHIC DISPLAY/ GRAFİK EKRAN
- METRIC-INC TRAVERSE / METRİK-İNÇ DÖNÜŞÜMÜ
- DATA SERVER / HAFIZA
- RS-232 C FOR DNC AND CAD-CAM CONNECTION / DNC VE CAD-CAM İÇİN RS-232 C
- COMPACT FLASH CARD INLET / KOMPAKT FLAŞ KART GİRİŞİ

OPTIONAL ACCESSORIES / ÖZEL AKSESUARLAR (*)

- ADDITIONAL TABLE / İLAVE TABLE
- FOURTH AXIS AND ROTARY TABLE / DÖRDÜNCÜ EKSEN VE DÖNER TABLA
- TOOL ADJUSTMENT DEVICE / TAKIM AYARLAMA CİHAZI

(*) OPSİYON : Müşteride adapte edilebilen aksesuar / Option : Accessory to be adapted on customer site
(**) VERSİYON : Sadece fabrikamızda adapte edilebilen aksesuar / Version : Accessory to be adapted only at our factory



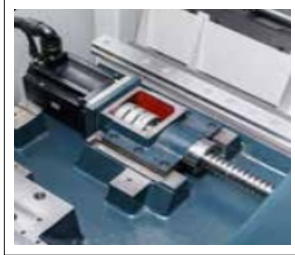
ARM TYPE 24 TOOLS ATC
(OPTION)



4TH AXIS
(OPTION)



LINEAR GUIDE WAYS
C3 40mm BALL SCREWS



AXES MOTORS ARE DIRECTLY
CONNECTED WITH BALLSCREWS
WHICH PROVIDE HIGH EFFICIENT
MOVEMENT CONTROL AND
LOWER NOISE FEATURES.