TES Mini 2

TES Mini 2 is a semi automatic torque controller for the precise expansion of ferrous, non-ferrous and alloy tubing. It is ideal for condenser/chillers, heat exchangers and boilers. It's one of most popular tools because of its accuracy, speed and ease of use.
The second generation TES Mini has been designed with direct input from our customers and utilizes the latest electronic components. As a direct result of these new technologies, gains in precision and energy efficiency have been realized from an already accurate system (±1%). The redesigned control panel is simpler to navigate and incorporates a built in card reader for detailed work reports.

MAIN TES MINI 2 FEATURES

- microprocessor controlled tube expansion;
- consistent torque control over 1 or 10,000 expansions;
- controls torque during long series of tube expanding;
- programmable torque shut-off value and high/low torque limits;
- reverse button for retracting expanders from the tubes;
- programmable timers for; cycle start, reverse pause, end of cycle, and a suppression timer for low torque value settings;
- CE Certified design.

Usage of our TES Mini 2 Controller, which is durable and easy to maintain, ensures that all tubes are expanded to the same torque. With the proper, easy to use set up, you can avoid over rolling which damages joint integrity and the distortion of tube sheet ligaments.

TES MINI 2 FUNCTIONS

- speed adjustment or limit (depends on motor type)
- torque adjustment
- suppression time adjustments
- pause time adjustments
- softstart delay
- report generation (up to 9999 cycles)
- works with 110 V and 230 V

DIMENSIONS

102 mm

230 mm

Weight 2,0 kg (2,4lbs)

TES Mini 2

TES MINI 2 MOTORS

TES Mini in conjunction with one of our tube rolling motors will improve productivity and safety, while delivering unmatched performance and durability.

DRIVE		TUBE OD		FREE SPEED	MAX RPM UNDER LOAD	MOTOR POWER	TORQUE				WEIGHT	
							[NM]		[FT-LBS]			
		MIN	MAX				MIN	MAX	MIN	MAX	[KG]	[LBS]
	HT-0	1/4	1/2	2300	1700	460 W	0,70	10,00	0,5	7,4	1,2	2,6
	MS-2	5/8	1 1/8	650 1200	430 760	1150 W	8,30 5,50	40,00 25,00	6,1 4,1	29,5 18,4	3,2	7,1
	DU-0	5/8	1	628 2100	450 1550	650 W	7,30 2,70	30,00 10,40	5,4 2,0	22,1 7,7	2,0	4,4
	DU-1	3/4	2	150 250 445 720	120 219 380 650	2000 W	12,00	250,00	8,9	184,4	8,6	19,0
	K90-E-90	2	5	90	81	1150 W	70,00	510,00	51,6	376,2	10,0	22,0
	K90-E-190	1 1/2	3	142	129	1150 W	50,00	260,00	36,9	191,8	10,0	22,0
	K90-E-280	1 1/4	2 1/2	274	250	1150 W	40,00	190,00	29,5	140,1	10,0	22,0

* Tube Capacity depends on material and technical condition of tube