

# Trofeo Series

*Runs Faster, Sleeps Less!*



**E** EUROTECH

## CLEARSHIFT SUB-SPINDLE

Features 2-axis programmable (longitudinal and transversal); it is offset from the main spindle eliminating most interference problems between the two turrets, and improves cycle times and delivers safer, simpler and faster set-up times. Both turrets can machine on main or sub-spindle.

*"We improved production by 52%, going from 4 processes and 3 different machines to 1 process and 1 machine. Nothing on the market really compares with Eurotech's machines. The machined products we turn out have to be extremely accurate so using Eurotech is just the best way to do business."*

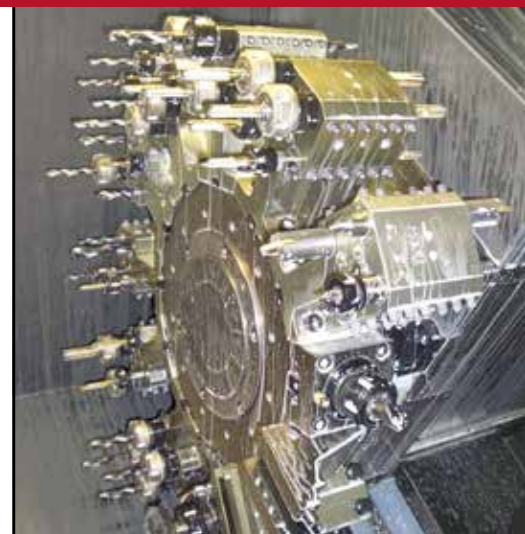
– Don Verzi, Owner of MIR

**Double spindle and double turret turn/mill centers featuring two Y-axes and Clearshift sub-spindle: high productivity in machining complex parts from bar.**



**Now Available with 81mm Bar Capacity**

**Trofeo B446-SY2**



**Customer Turret - 94 tools**

*"The Eurotech is so much faster than the competition that it's speed difference alone completely pays for the machine."* - Tom Hassett, Owner of T&L Automatics

# Trofeo Series

## T E C H N I C A L   S P E C I F I C A T I O N S

		B446 SY2	B465 SY2	B481 SY2
<b>MACHINING CAPACITY</b>				
Bar capacity	in	2.00	2.75	3.15
Chuck diameter	in	8	8	8
Max. length between spindle faces	in	37.5	37.5	37.5
Max. swing over diameter	in	20.0	20.0	20.0
<b>MAIN SPINDLE</b>				
Max. speed	rpm	5000	4000	2800
Spindle nose	ASA	5"	6"	8"
Spindle bore	in	2.17	3.15	3.15
Chuck diameter	in	8	8	8
Motor power	HP	20	35	35
C axis: min. programmable value	°	0,001°	0,001°	0,001°
<b>SUB-SPINDLE</b>				
Max. speed	rpm	5000	5000	5000
Spindle nose	ASA	5"	5"	5"
Spindle bore	in	2.17	2.17	2.17
Chuck diameter	in	6	6	6
Motor power	HP	15	15	15
C-axis: min. programmable value	°	0.001°	0,001°	0,001°
Offset stroke	in	4.72	4.72	4.72
B-axis: stroke - rapid traverse	in-ipm	26.35 - 1181	26.35 - 1181	26.35 - 1181
<b>UPPER TURRET 1 - LOWER TURRET 2</b>				
No. of stations / Max no. of tools	N°	12 / 192	12 / 192	12 / 192
Turret indexing (1 pos)	sec	0,15	0,15	0,15
No. of live tool stations / Max no. of live tools	N°	24 / 48	24 / 48	24 / 48
Speed std./ max	rpm	4000 / 60,000	4000 / 60,000	4000 / 60,000
Motor power	HP	5 geared	5 geared	5 geared
X1-X2 axes: stroke - rapid traverse	in-ipm	6.7 - 708	6.7 - 708	6.7 - 708
Z1-Z2 axes: stroke - rapid traverse	in-ipm	25-21.25 - 1181	25-21.25 - 1181	25-21.25 - 1181
Y1-Y2 axes: stroke - rapid traverse	in-ipm	3.54 [-1.57/+2.32] - 354	3.54 [-1.57/+2.32] - 354	3.54 [-1.57/+2.32] - 354
<b>COOLING SYSTEM</b>				
Tank capacity	gal	120	120	120
Motor rating of 3 electropumps	HP	5	5	5
<b>DIMENSIONS AND WEIGHT</b>				
Machine with chip conveyor	in	173 x 85 x 89 h		
Spindle center height	in	42	42	42
Machine weight with chip conveyor	lb.s	17,400	17,900	18,500

## Trofeo Optimize Your Throughput

**SERVO PROGRAMMABLE PARTS GANTRY AND CONVEYOR SYSTEM** to Optimize Throughput, Run Unattended, and give you "Lights-Out" Machining.

**Optimized cycle times:**

- Eliminates remnant retract time
- Unloads parts while tools are in the cut
- Reduces bar load time
- Zero cycle time interruption



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