

HTROBOT

HTML heavy-load worktable

English selection guide

Linear motion components and multi-axis automation, with practical support from Tianjin.

Based in Tianjin, HTROBOT works with customers on industrial linear motion and multi-axis automation. Our range brings together linear modules, guides, ball screws, actuators and XYZ stages.

Models: TML180; TML220; TML320

We connect component supply with application discussions for positioning, transfer and multi-axis equipment.

HTML180 heavy-load worktable

TML180 · HTML heavy-load worktable

Use the dimensions and motion rows for the exact model. Keep load, speed and positioning conditions together when comparing candidates.



TML series illustration

Reviewed specifications · 750 W motor

Parameter	Value
Permissible overhang moment MP	810 Nm
Permissible overhang moment MR	520 Nm
Permissible overhang moment MY	810 Nm
Horizontal load	150 kg
Horizontal load	50 kg
Horizontal load	100 kg
Horizontal load	80 kg
Vertical load	35 kg
Vertical load	60 kg
Vertical load	100 kg
Vertical load	80 kg
Maximum speed	2000
Maximum speed	250
Maximum speed	1000

Parameter	Value
Maximum speed	500
Motor power	750 W
Screw outer diameter	20 mm
Movement distance	10-1200 mm
Ordering example (reference)	TML180-L10-S150-BD-P750W-B
Repeatability (as printed)	+0.02/0.01 mm
Main table lead reference	5/10/20/40 mm
Source power difference	Main table750W vs overview selection100W.

A unit is printed only where the source states one.

HTML220 heavy-load worktable

TML220 · HTML heavy-load worktable

Use the dimensions and motion rows for the exact model. Keep load, speed and positioning conditions together when comparing candidates.



TML series illustration

Reviewed specifications · 750 W motor

Parameter	Value
Permissible overhang moment MP	810 Nm
Permissible overhang moment MR	520 Nm
Permissible overhang moment MY	810 Nm
Horizontal load	250 kg
Horizontal load	180 kg
Horizontal load	80 kg
Horizontal load	130 kg
Vertical load	120 kg
Vertical load	60 kg
Vertical load	100 kg
Vertical load	150 kg
Maximum speed	250
Maximum speed	2500

Parameter	Value
Maximum speed	500
Maximum speed	1250
Motor power	750 W
Screw outer diameter	25 mm
Movement distance	10-1200 mm
Ordering example (reference)	TML220-L10-S150-BD-P750W-B
Repeatability (as printed)	±0.02/0.01 mm
Main table lead reference	5/10/25/50 mm

A unit is printed only where the source states one.

HTML320 heavy-load worktable

TML320 · HTML heavy-load worktable

Use the dimensions and motion rows for the exact model. Keep load, speed and positioning conditions together when comparing candidates.



TML series illustration

Reviewed specifications · 1000 W motor

Parameter	Value
Permissible overhang moment MP	810 Nm
Permissible overhang moment MR	520 Nm
Permissible overhang moment MY	810 Nm
Horizontal load	250 kg
Horizontal load	350 kg
Horizontal load	150 kg
Vertical load	200 kg
Vertical load	180 kg
Vertical load	100 kg
Maximum speed	1600
Maximum speed	250
Maximum speed	500
Motor power	1000 W



Parameter	Value
Screw outer diameter	32 mm
Movement distance	10-1200 mm
Ordering example (reference)	TML320-L10-S200-BD-P750W-B
Repeatability (as printed)	±0.02/0.01 mm
Main table lead reference	5/10/32 mm
Source power difference	Main table1000W vs ordering exampleP750W.

A unit is printed only where the source states one.

Contact

Start with a product or an application. Use the inquiry draft to collect what you are considering, or contact us directly with your requirements.

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