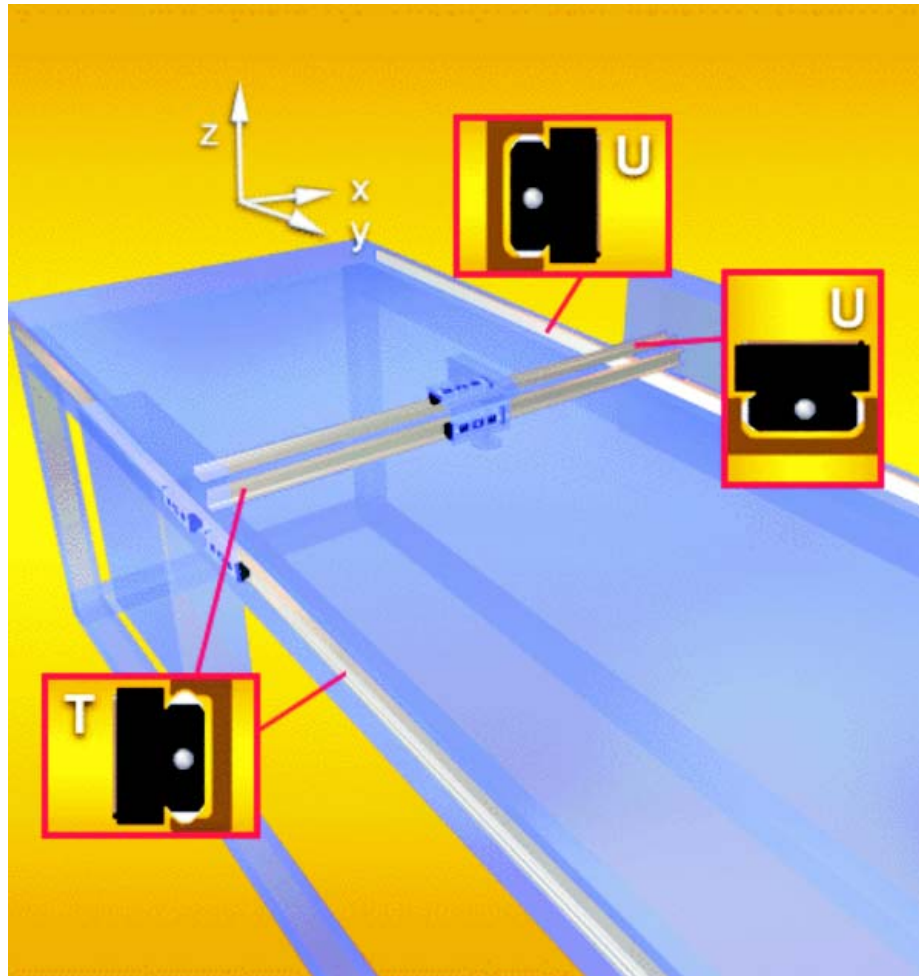


PLASMA CUTTING MACHINE

This machine obtains various plate shapes, cut from steel or metallic plates, by the means of a plasma arch. The long Y-axis utilizes a pair of T+U rails with c'sunk fixing holes for easy rail assembling.

The X axis takes advantage of the precise mounting of counter-bored holes for the pair of T+U rails which are used for cutting. The main requirements for this application are that it be silent, quick, and precise.



Application data	X Axis	Y Axis	Z Axis
Weight of moving part [N]	200	600	
Dimensions of moving part [mm]	250x350	500x2200	
Stroke [mm]	1800	4600	
Speed [m/s max]	2	2	
Frequency of movement [cycles/min]	20	10	
Precision of movement [mm/m]	0.1	0.2	
Environment conditions	Normal	Normal	
Other special requirements			
Product used	TLC28-2160/2/NT28L-D ULC28-2160/2/NU28L-D	TLV43-5120(3600+1520) /2/NT43 ULV43-5120(3600+1520) /2/NU43	