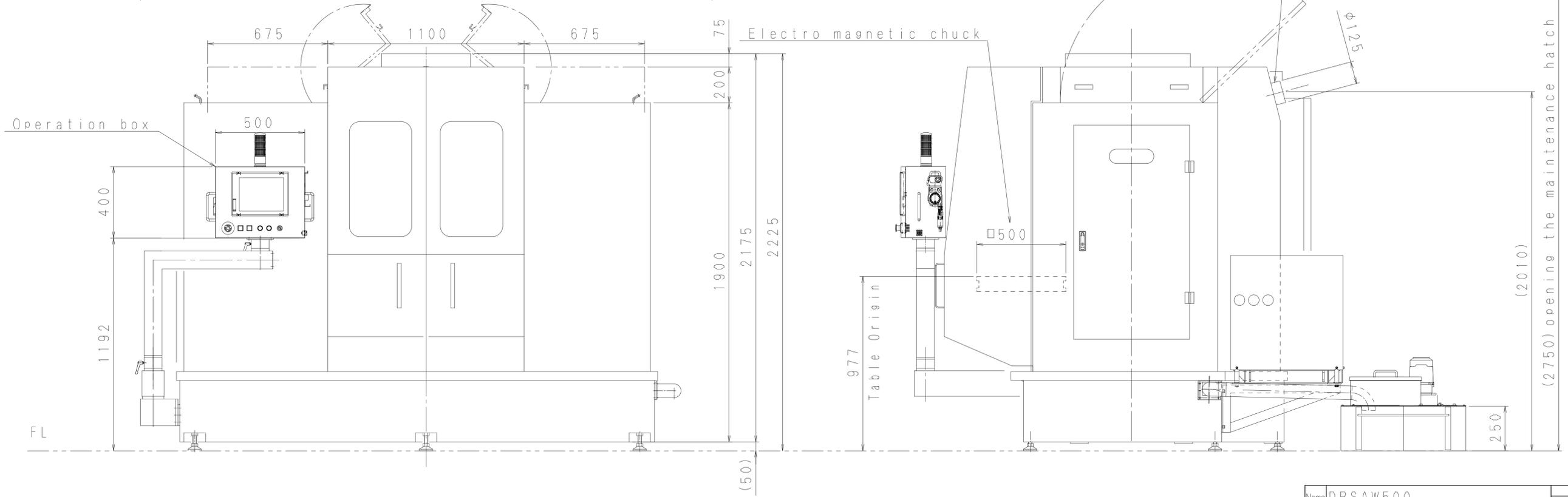


Mechanical specifications		
Cutting ability	Round bar	φ500×500 (Max)
	Square bar	□500×500 (Max)
Motor	Saw blade	3.7kW, 200V (50/60Hz), 220V (60Hz)
	Hydraulic	2.2kW, 200V (50/60Hz), 220V (60Hz)
	Cutting oil	0.4kW, 200V (50/60Hz), 220V (60Hz)
	Depth of cut servo (Z axis)	1.5kW, 200V (50/60Hz), 220V (60Hz)
	Positioning servo (X axis)	0.75kW, 200V (50/60Hz), 220V (60Hz)
Control	Power supply voltage	3-phase AC 200V±10% (50/60Hz), 220V (60Hz)
	Operation circuit voltage	AC 200V, AC 100V, DC 24V
Saw blade	Size	125×0.8×5410 (width×thickness×length)
	rotation speed	200~1500/min inverter continuously variable speed
	Tension	Hydraulic (Saw blade breakage / slip detection)
Cutting oil	Tank capacity	300L
	Pump model	Centrifugal pump
Hydraulic	Tank capacity	20L
	Pump model	Gear pump
	Setting pressure	3.4~4.0MPa
Chip disposal	Centrifugal (option)	
Table control	Automatic	Automatic raising, lowering, and forward/backward movement by positioning servo
	Manual	Rising, descending, forward/backward movement using touch panel/pulsar operation
	Rise height setting	Setting by lower limit sensor
Receiving installed capacity	11.7kVA	
Table size	500x500mm (electro magnetic chuck)	
Table height	Lower limit position	977mm
	Stroke	530mm
Allowable loading mass	300kg	
Mechanical dimensions	2900x2235x2225mm	
Machine mass	5000kg	



Exhaust connection port
secondary duct is constructed by customer.

Name	DBSAW500	MODEL	DBSAW500	DATE	24.02.10
SCALE	1:12	DWG. No.	R/B40/A02		

Note) Appearance and specifications are subject to change without notice for improvement.

