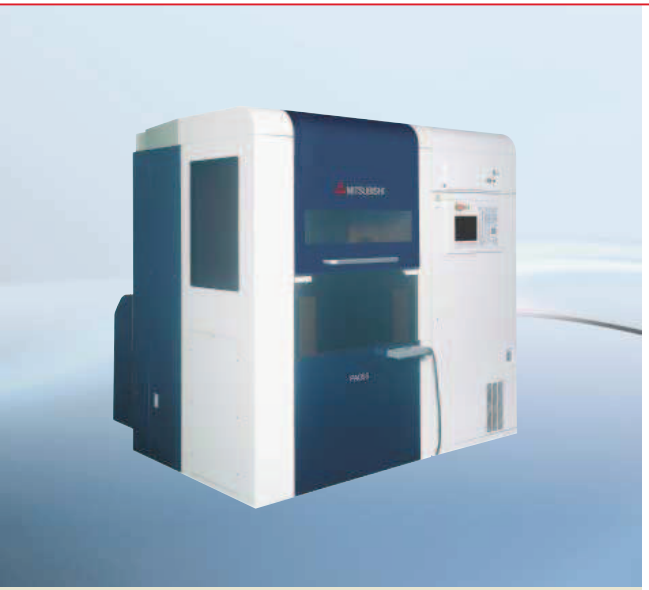
PA05S



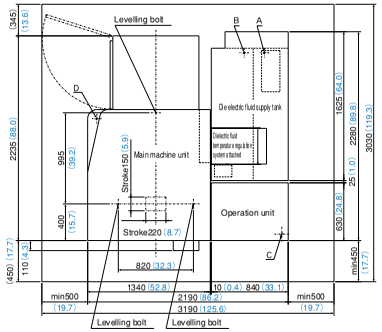
Achieved ±2μm machining accuracy (Note 1)
Compatible with super-fine ϕ0.02 (.0008") wire

Note1) The accuracy follows Mitsubishi specified machining.

Main options
- ϕ0.15(.006"), 0.2AT specifications
- Angle Master

A: Clean fluid drain
PT1 thread gate valve
B: Used fluid drain
PT1 thread gate valve
C: Power cable entry
AC200/220V±10%
50/60Hz 13.5kVA
D: Primary air side
0.5~0.7MPa, 75 /min minimum
1/4 hose connection
(external diameter of hose opening is ϕ9)

Layout diagrams



Outline dimensions

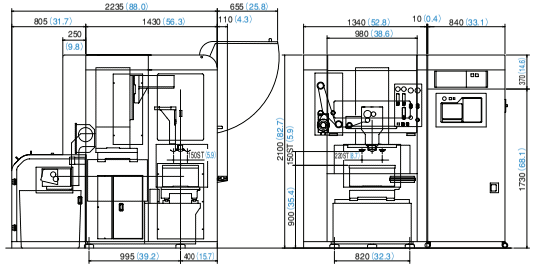
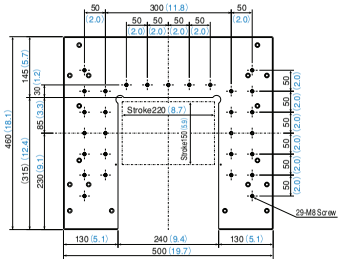


Table diagram



■Machine specifications (standard specifications)

Model PA05SM

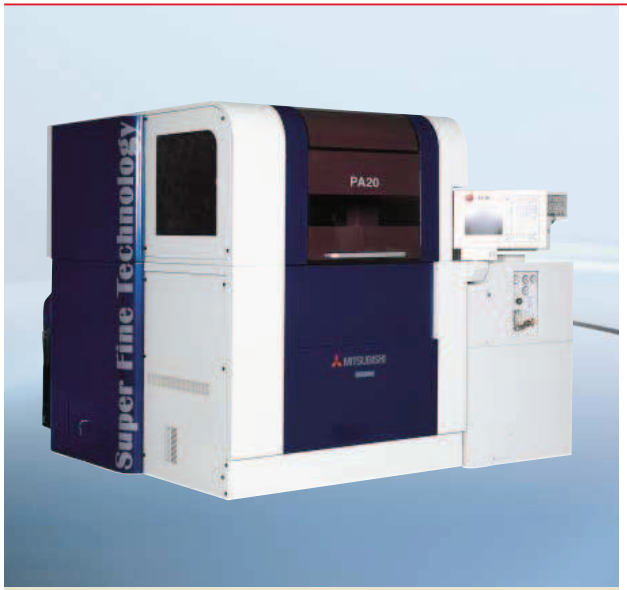
Main machine unit	Max. workpiece dimensions (W×D×H)	[mm](in)	500(19.7)×390(15.4)×145(5.7)
	Max. workpiece weight	[kg]	100
	Table dimensions	[mm](in)	500(19.7)×460(18.1)
	Machining range (X×Y×Z)	[mm](in)	220(8.7)×150(5.9)×150(5.9)
	Machining range (U×V)	[mm](in)	±21(0.8)×±21(0.8)
	Max. taper angle	[°]	10 (for workpiece of 100mm thick)
	Wire diameter	[mm](in)	0.02(.0008)~0.2(.008) (0.15(.006), 0.2(.008):Option)
	Weight	[kg]	3000

Dielectric fluid supply tank	Tank capacity	[ℓ]	470
	Filtered particle size	[μm]	3
	Filter element		Paper filter (×2)
	Pure water supply unit (ion-exchange resin)	[ℓ]	20
	Dielectric fluid chiller unit		Chiller Unit
	Weight (when dry)	[kg]	350

Standard delivery entrance	Width	[mm](in)	1560(61.4)
	Height	[mm](in)	2150(84.6)

General input: AC 3-phase 200/220VAC±10% 50/60Hz, power ratio 0.9		[kVA]	13.5
Air requirements	Pressure	[MPa]	0.5~0.7
	Flow rate	[ℓ/min]	75 or more

PA20



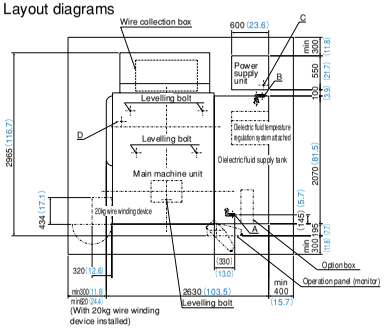
Achieved ±2μm machining accuracy (Note 1)
Realizing super-finish machining (Digital-FS) option

Note1) The accuracy follows Mitsubishi specified machining.

Main options
- Digital-FS power supply
- Fine wire specifications (ϕ0.05)(.002")
- 20kg wire specifications
- Motorized shutter specifications
- Angle Master

A: Clean fluid drain
PT1 thread gate valve
B: Used fluid drain
PT1 thread gate valve
C: Power cable entry
AC200/220V±10%
50/60Hz 13.5kVA
D: Primary air side
0.5~0.7MPa, 75 /min minimum
1/4 hose connection
(external diameter of hose opening is ϕ9)

Layout diagrams



Outline dimensions

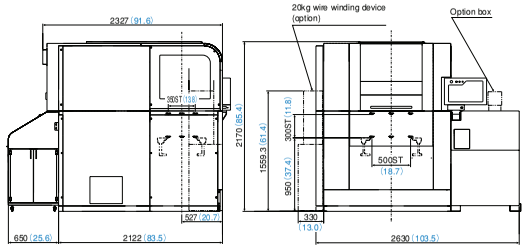
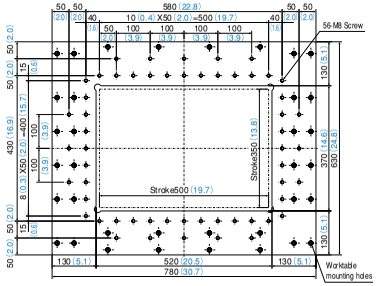


Table diagram



■Machine specifications (standard specifications)

Model PA20M

Main machine unit	Max. workpiece dimensions (W×D×H)	[mm](in)	1050(41.3)×800(31.5)×295(11.6)
	Max. workpiece weight	[kg]	1500
	Table dimensions	[mm](in)	780(30.3)×630(24.8)
	Machining range (X×Y×Z)	[mm](in)	500(19.7)×350(13.8)×300(11.8)
	Machining range (U×V)	[mm](in)	±21(0.8)×±21(0.8)
	Max. taper angle	[°]	10 (for workpiece of 100mm thick)
	Wire diameter	[mm](in)	0.05(.002)~0.3(.012) (0.05(.002): Option)
	Weight	[kg]	4000

Dielectric fluid supply tank	Tank capacity	[ℓ]	750
	Filtered particle size	[μm]	3
	Filter element		Paper filter (×2)
	Pure water supply unit (ion-exchange resin)	[ℓ]	20
	Dielectric fluid chiller unit		Chiller Unit
	Weight (when dry)	[kg]	400

Standard delivery entrance	Width	[mm](in)	2005(78.9)
	Height	[mm](in)	2220(87.4)

General input: AC 3-phase 200/220VAC±10% 50/60Hz, power ratio 0.9		[kVA]	13.5
Air requirements	Pressure	[MPa]	0.5~0.7
	Flow rate	[ℓ/min]	75 or more