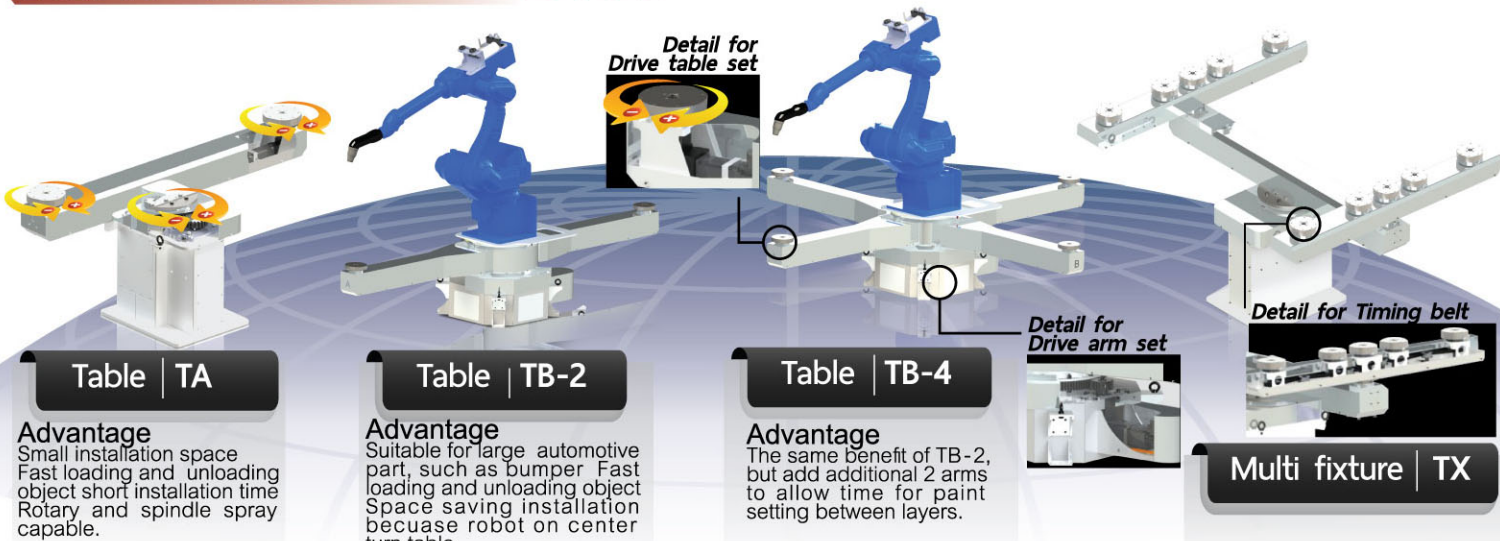
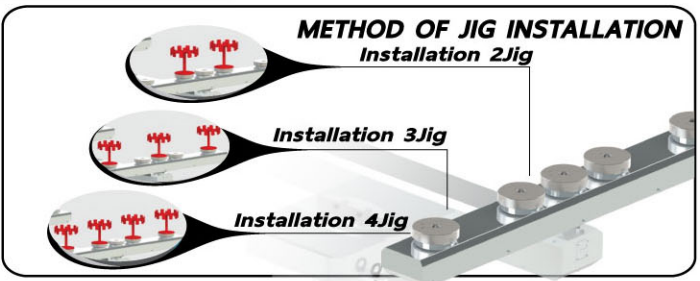


Turn Table



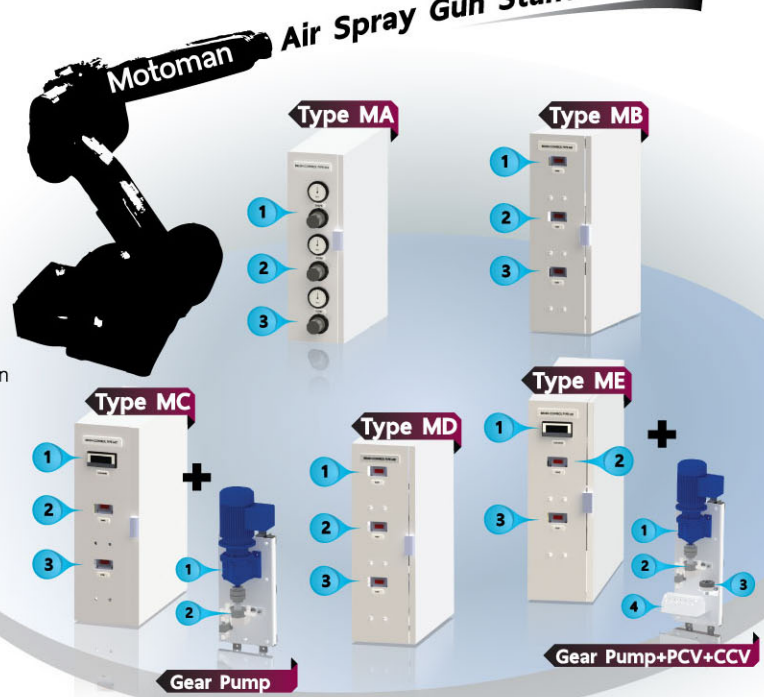
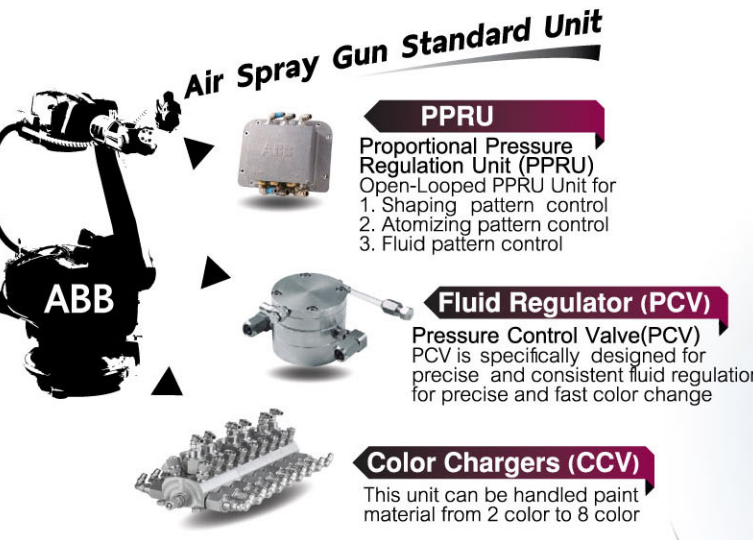
Turn Table Specifications

ITEM	Turn Table Type		
	TA	TB-2	TB-4
Control Axes	3	3	5
Arm Length (m.)	1.1-2.0	2.4-3.6	2.4-3.6
Motion Range (Arm)	±180°	±180°	±270°
Motion Range (Table)	Continuous rotation		
Maximum Speed (Arm)	90°/3s	90°/4s	90°/4s
Maximum Speed (Table)	90°/1.5s	90°/1.5s	90°/1.5s
Maximum table load (kg.)	20	40	40



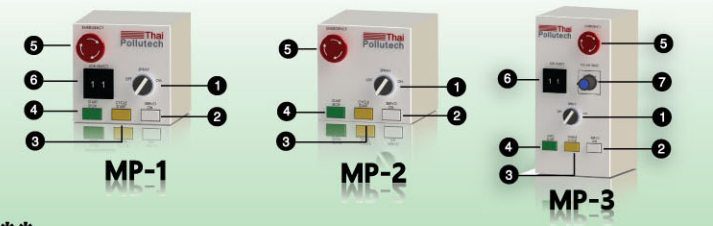
Gun Standard Unit

For control volume of shaping air, atomizer air, paint flow rate and color change.



Mini Pendant

Simple operation pendant for controlling turntable, painting robot and spray gun on-off.



- ****
- 1 On - Off Spray gun
 - 2 Servo on for robot
 - 3 Single cycle start
 - 4 Start - stop
 - 5 Emergency
 - 6 Select job for painting
 - 7 Select material for painting

- Gear Pump** : Is a volumetric pump for paint feeding to a spray gun. The pump can deliver precise paint fluid determined by rotation of gear motor.
- ****
- Type MA**
 - 1 Manual control shaping
 - 2 Manual control atomizing
 - 3 Manual control fluid
 - Type MB**
 - 1 Automatic control for shaping
 - 2 Automatic control for atomizing
 - 3 Automatic control for fluid
 - Type MC**
 - 1 Automatic control for gear pump
 - 2 Automatic control for shaping
 - 3 Automatic control for atomizing
 - Type MD**
 - 1 Automatic control for shaping
 - 2 Automatic control for atomizing
 - 3 Automatic control for fluid
 - Type ME**
 - 1 Automatic control for gear pump
 - 2 Automatic control for shaping
 - 3 Automatic control for atomizing
 - Gear Pump+PCV+CCV**
 - 1 Explosion proof motor
 - 2 Gear pump
 - 3 Fluid regulator
 - 4 CCV (4 Color)

Thai Pollutech

Total Finishing Solution



- Glass
- Steel
- Plastic
- Wood



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ROBOT CONTROL

PAINT ROBOTIC

ABB Robot Control : IRC5P

Motoman Robot Control : NX100

Robot Specifications

Model	Axes	Payload (kg.)	Vertical Reach (mm.)	Horizontal Reach(mm.)	Weight (kg.)	Mounting
ABB IRB52 (1.2 m. reach)	6	7	475	1225	250	Floor, ceiling, wall
ABB IRB52 (1.45 m. reach)	6	7	700	1450	250	Floor, ceiling, wall
ABB IRB580 (2.2 m. reach)	6	10	2771	2177	630	Floor
ABB IRB580 (2.6 m. reach)	6	10	3393	2558	630	Floor
MOTOMAN EPX1250	6	5	1852	1256	110	Floor, ceiling, wall
MOTOMAN EPX2050	6	15	2806	2054	540	Floor
MOTOMAN EPX2800	6	20	4582	2779	650	Floor

ABB : IRB52

A compact painting specialist IRB52 is a compact painting robot designed specifically for painting small and medium sized parts in a wide range of industries. It provides you with an affordable, professional and high-quality painting solution.

ABB : IRB580

Top model functions - compact design

IRB580 combines the advanced functions of the IRB5400 series with a compact design. The result is a highly flexible, cost-effective and accurate paint robot system. ABB's high precision hollow wrist has a straight design that eliminates wear and tear on the paint and air supply hoses, increasing the overall reliability. The wrist can rotate 140° in any direction. It makes IRB 580 one of the most versatile and easy to program paint robots in its class.

Motoman : EPX1250

The flexible, high - performance EPX1250 MOTOMAN

painting robot increases finishing quality, consistency and throughput, while dramatically lowering operating costs and decreasing wasted material.

Motoman : EPX2050

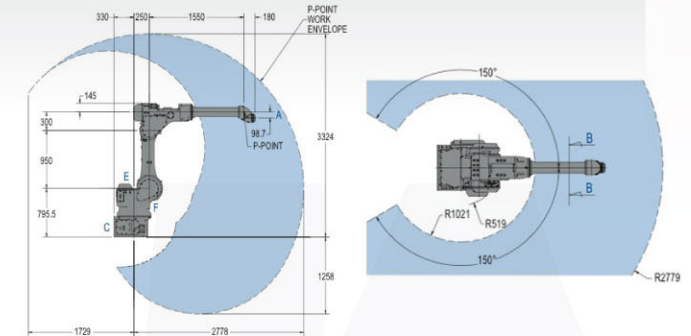
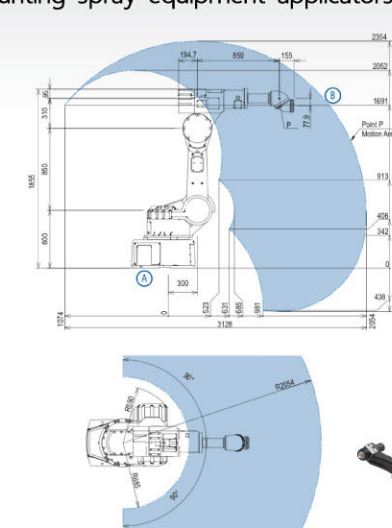
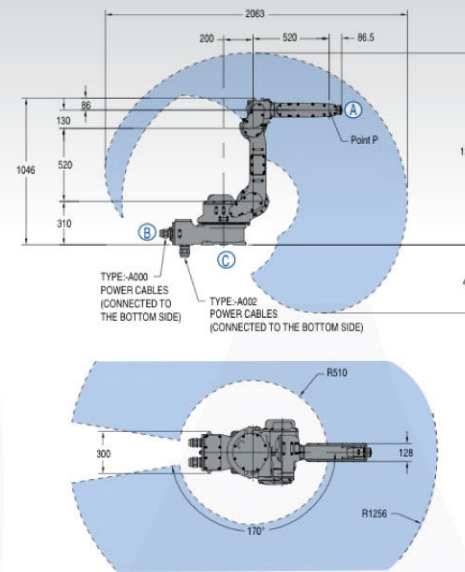
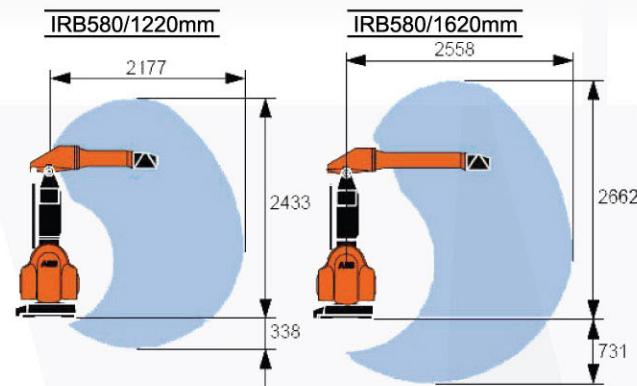
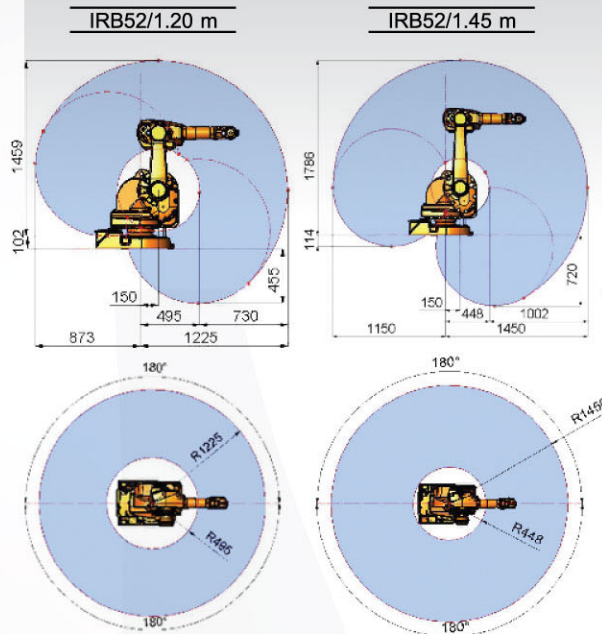
The EPX2050 robot is ideal for automotive and other industrial coating applications.

It offers superior performance and creates smooth, consistent finish with outstanding efficiency for painting and dispensing applications. This robot features a hollow wrist design and is ideal for painting contoured parts such as interior / exterior surfaces. It is well suited for mounting spray equipment applicators.

Motoman : EPX2800

The EPX2800 robot is ideal for large painting object

it offers large working envelop up to 2779 mm. with a hollow slim arm. Ideal for painting interior panels of automobiles and car bumpers. Solenoid valves and electro pneumatic regulators can be mounted inside pressurized chamber of the arm.



Selection according to the system

Step1 Selection the Robot

Step2 Selection the Gun control Refer to Table 1-2

Step3 Selection the Turn table Refer to Table 3

Robot

- ☐ IRB52/1.2 m.
- ☐ IRB52/1.45 m.
- ☐ IRB580/2.2 m.
- ☐ IRB580/2.6 m.
- ☐ EPX1250
- ☐ EPX2050
- ☐ EPX2800

Gun Standard Unit

☐ AA ☐ AB ☐ AC

☐ MA ☐ MB ☐ MC ☐ MD ☐ ME

Turn Table

☐ TA ☐ TB-2 ☐ TB-4 ☐ (Option TX)

Table 1

Air Spray Gun Standard Unit(ABB)

	Brush Control	PCV	CCV	MP-1
Type AA	-	-	-	●
Type AB	●	●	-	●
Type AC	●	●	●	●

Table 2

Air Spray Gun Standard Unit(Motoman)

	Brush Control	PCV	CCV	Gear Pump	MP-2	MP-3
Type MA	-	-	-	-	●	-
Type MB	●	●	-	-	●	-
Type MC	●	-	-	●	●	-
Type MD	●	●	●	-	-	●
Type ME	●	●	●	●	-	●

Table 3

Turn Table Specifications

ITEM	Turn Table Type		
	TA	TB-2	TB-4
Control Axes	3	3	5
Arm Length (m.)	1.1-2.0	2.4-3.6	2.4-3.6
Motion Range (Arm)	±180°	±180°	±270°
Motion Range (Table)	Continuous rotation		
Maximum Speed (Arm)	90°/3s	90°/4s	90°/4s
Maximum Speed (Table)	90°/1.5s	90°/1.5s	90°/1.5s
Maximum table load (kg.)	20	40	40

