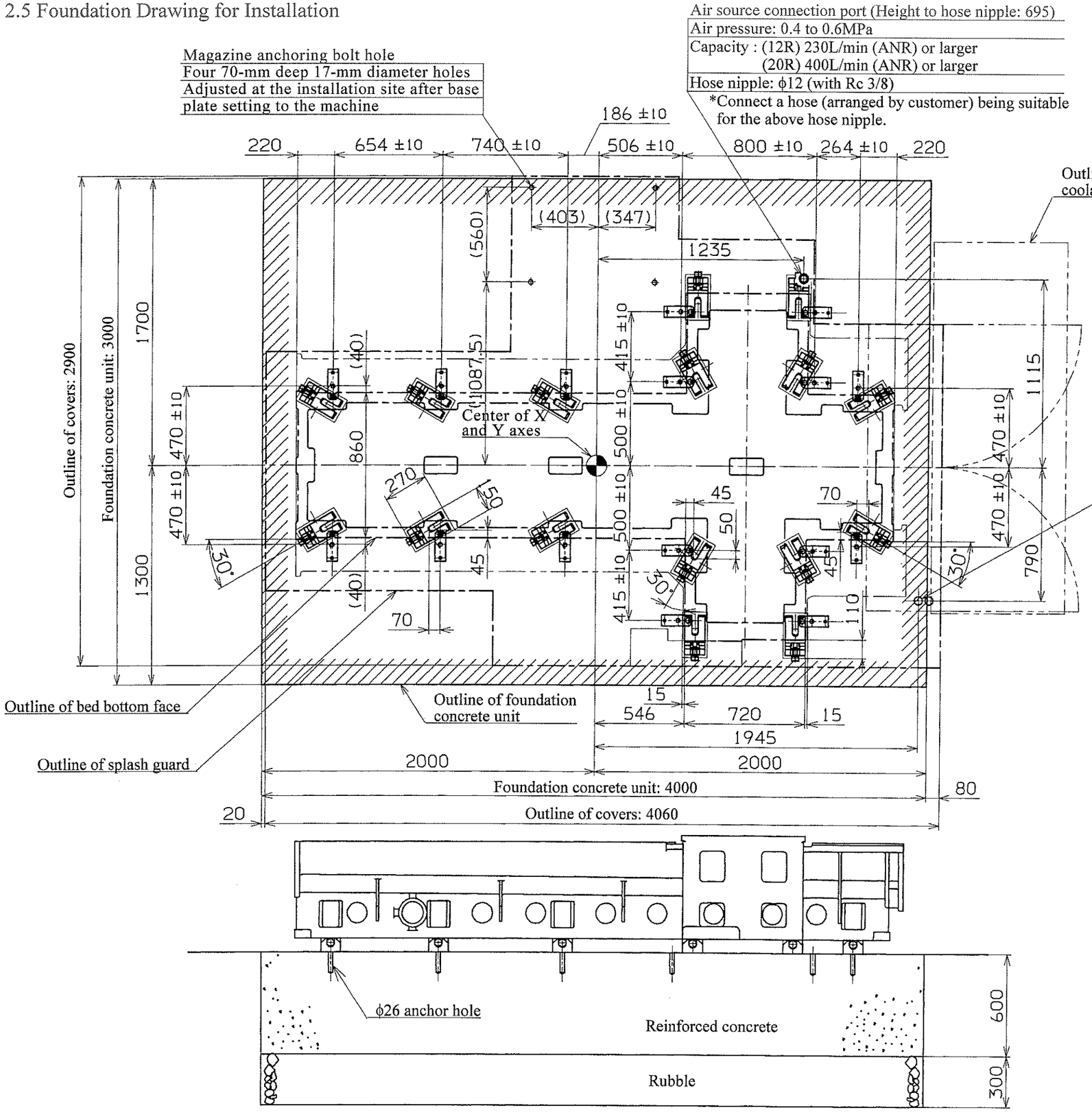
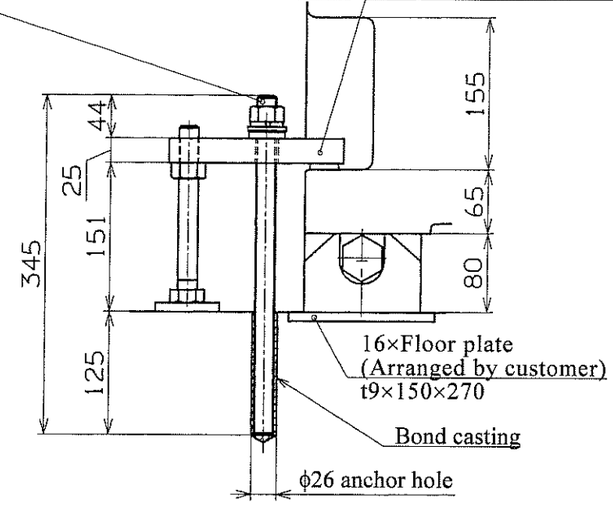
2.5 Foundation Drawing for Installation



Anchor bolt	: 4M0126454A	(16 pieces)	Brace	: 4M0112190A	(16 pieces)
Spring washer	: SS2552000	(16 pieces)	Bolt	: SS0182018	(16 pieces)
Spherical washer	: YS9195020	(16 pieces)	Nut	: SS2042000	(16 pieces)
Nut	: SS2042000	(16 pieces)	Floor plate	: 4M0112192A	(16 pieces)



Power cable connection (From floor to control box base: 1140)
Power capacity : Refer to the table below
Cable size: Refer to the table below
(equivalent to or larger than the specified size)
Grounding : Class D (100Ω max.)
Cable size equal to the power cable

Controller	Spindle rotating speed	Spindle motor	Power capacity	Cable size
FANUC	12000 rpm	7.5 kW / 5.5 kW	34 kVA	38 mm^2
		22 kW / 18.5 kW	55 kVA	50 mm^2
	20000 rpm	22 kW / 18.5 kW	55 kVA	50 mm^2
MITSUBISHI	12000 rpm	7.5 kW / 5.5 kW	34 kVA	38 mm^2
		22 kW / 18.5 kW	55 kVA	50 mm^2
	20000 rpm	22 kW / 18.5 kW	55 kVA	50 mm^2

Foundation and Installation:
To maintain machine precision and prevent vibration, pay special attention to the following.
1. The foundation should be rugged enough to maintain safety and horizontality for the machine weight according to the ground for installation place. (Nominal strength: Minimum 23 MPa)
2. The foundation concrete should be reinforced with reinforcing bars arranged as appropriate so that it may sufficiently withstand the machine weight.
3. The foundation concrete should be cured for 4 weeks.
4. When installing the machine, lay leveling blocks as shown in the drawing to make adjustments for leveling, centering and preventing oscillation. Periodically check that they stay in proper position and condition.
5. The ground soil bearing power should be at least 0.06 MPa.
6. When the nature of the soil and soil bearing capacity is unfavorable, determine the pile size and number of piles accordingly for installation.
7. Drill each anchor hole in position with tolerance of ±10 mm based on the reference anchor hole.
8. Avoid the anchor hole position to embed the reinforcement.
9. For the bond anchoring procedure, refer to "2.4 Anchor Bolt Embedding Work Procedure" in the Foundation and Installation Instruction Manual.

NOTE: The following bond should be prepared by customer for the anchoring work.
Bond E200 (Konishi Co., Ltd.)
Amount required: 2.0 kg (Standard spec.)

Total Machine Weight: 15000 kg
Max. Workpiece Loading Capacity: 1500 kg