

2.5 Foundation Drawing for Installation

MCV1260 Standard Machine

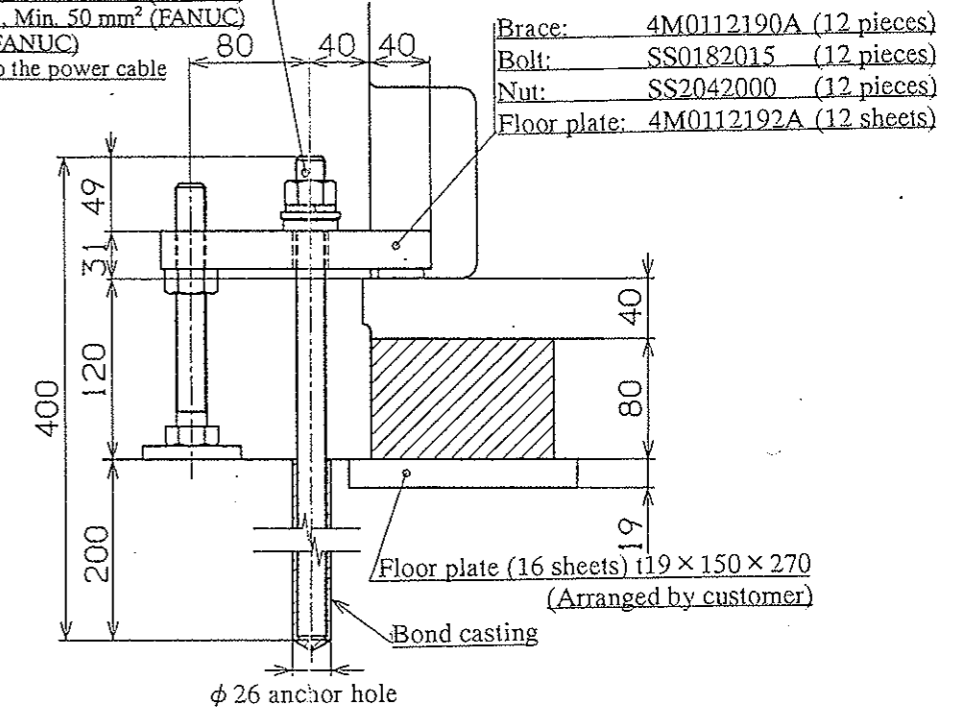
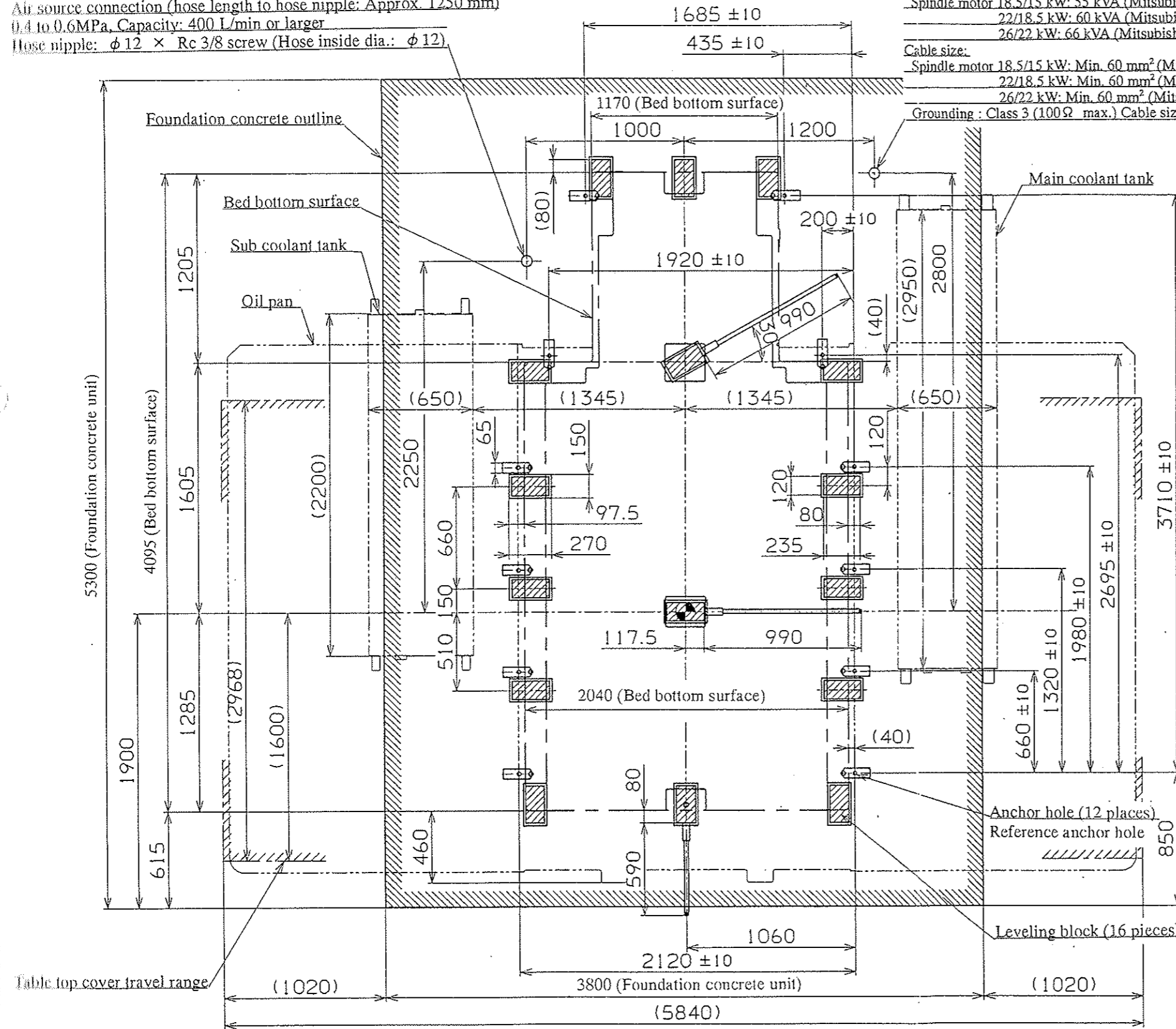
Air source connection (hose length to hose nipple: Approx. 1250 mm)
 0.4 to 0.6MPa, Capacity: 400 L/min or larger
 Hose nipple: $\phi 12 \times Rc 3/8$ screw (Hose inside dia.: $\phi 12$)

Power cable incoming port (Height of control box base: 805 mm)
 Power capacity:
 Spindle motor 18.5/15 kW: 55 kVA (Mitsubishi), 43 kVA (FANUC)
 22/18.5 kW: 60 kVA (Mitsubishi), 49 kVA (FANUC)
 26/22 kW: 66 kVA (Mitsubishi), 55 kVA (FANUC)

Cable size:
 Spindle motor 18.5/15 kW: Min. 60 mm² (Mitsubishi), Min. 50 mm² (FANUC)
 22/18.5 kW: Min. 60 mm² (Mitsubishi), Min. 50 mm² (FANUC)
 26/22 kW: Min. 60 mm² (Mitsubishi, FANUC)
 Grounding: Class 3 (100 Ω max.) Cable size equal to the power cable

Anchor bolt: 4M0138032A (12 pieces)
 Spring washer: SS2552000 (12 pieces)
 Spherical washer: YS9195020 (12 pieces)
 Nut: SS2042000 (12 pieces)

Brace: 4M0112190A (12 pieces)
 Bolt: SS0182015 (12 pieces)
 Nut: SS2042000 (12 pieces)
 Floor plate: 4M0112192A (12 sheets)



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 : Min. 23 MPa)
2. The foundation concrete should be reinforced with the reinforcing bar 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, set leveling blocks for leveling, centering and to prevent oscillation, and adjust and secure with foundation bolts. Periodically check that they stay in proper position and condition.
5. The ground soil bearing power required should be Min. 0.06 MPa.
6. When the nature of the soil and soil bearing capacity are unfavorable, determine the pile size and number of piles accordingly for installation.
7. Drill each anchor hole in position within ± 10 mm from the reference anchor hole.
8. Avoid the anchor hole position to embed the reinforcement.
9. For the bond anchor procedure, refer to "2-4. Anchor Bolt Embedding Work Procedure" in Foundation & Installation Instruction Manual.

NOTE: The following bond shall be prepared by customer at the time of anchor hole embedding work.
 Bond E200 (Konishi Co., Ltd.)
 Required amount: 2.0 kg

