

**SUGGESTIONS FOR WRITING SPECIFICATIONS ON THE  
ADVANCE PACESETTER FLOOR MACHINES**

<b>GENERAL</b>	This machine shall be the single-disc rotary type, with all metal construction, cord electric motor power, and enough weight and power to adequately perform its intended cleaning tasks.
<b>HANDLE SHAFT</b>	Shall be chromed tubular steel design for added strength. Shaft shall mount very solidly into base allowing the machine to be healed on edge for concentrated scrubbing.
<b>OPERATOR INTERFACE HANDLE</b>	Shall have comfortable on/off grip levers with a safety interlock button to prevent accidental start up. Safety release mechanism must not release unless the handle is tipped to an appropriate user height. Both the handle and levers shall be constructed of plastic.
<b>HANDLE ADJUSTMENT LEVER</b>	Shall have the industry standard compression style handle height adjustment system. Lock must be easy to engage and sound enough to prevent handle slippage. When handle is lowered into the operation position from the storage position, the cord must loosen from the wrapped stored position to be able to be slide off the handle.
<b>BASE</b>	Brush/pad housing shall be constructed of chromed metal and include a rubber bumper that protects walls and furniture. Base shall be extremely durable to provide extended trouble-free use.
<b>MOTOR</b>	Shall be 120 volt, 1.5 hp (or 1.75 or 1.0 hp), A.C., 66 frame motor, with dual capacitors for start-up and run operations. Shall have reverse stack motor cooling, with air drawn from the top of the motor and exhausted at bottom. Shall have a motor cover to protect the motor Motor must be centered over the pad for improved balance during use and transportation.
<b>TRANSMISSION</b>	Shall be a sealed triple planetary gearbox with a "hunter tooth" gear design. 1.0 hp units must have a dual planetary gearbox. All gears in transmission must be helical. 20SD transmission gears must be heat treated.
<b>PAD/BRUSH SPEED</b>	Shall be 175 r.p.m. 180/320 rpm for 20TS
<b>PAD/BRUSH SIZE</b>	Shall be a diameter of 13 in (33 cm), 17 in. (43 cm) or 20 in. (51 cm) depending on model.
<b>POWER CABLE</b>	Shall be 50' (15 m), 3 wire with hospital grade plug, with non-marking vinyl cover and safety yellow color, for easy observance by pedestrian/vehicular traffic. Shall be of a Super-Flex design that reduces cable set and keeps cable pliable.
<b>CABLE STRAIN RELIEF</b>	Shall be incorporated into the handle assembly and provide a positive connection.

**TRANSPORT  
WHEELS**

Shall have two 5" (13cm) diameter heavy duty, fixed transport, non-marking rubber wheels.

**SAFETY  
APPROVALS  
SOLUTION TANK  
OPTION**

Machine must carry ETL safety approval

Must have an option of an integrated solution tank that feeds solution through a tube through the bell housing and directly to the pad or brush.

**WEIGHT**

Shall be no less than:

102 lbs for the 20SD

102 lbs for 20HD

100 lbs for 17HD

93 lbs for 20

90 lbs for 17

87 lbs for 20 TS

81 lbs for 13

**DIMENSIONS**

13" Machine dimensions (L x W x H): 20 x 12 x 46"

17" Machine dimensions (L x W x H): 23 x 17 x 46"

20" Machine dimensions (L x W x H): 24.5 x 20 x 46"

Shipping dimensions for all machine sizes (L x W x H): 29 x 24 x 48.25"

**THE MACHINE SHALL BE AN ADVANCE PACESETTER Floor Machine.**