

Production

PEERLESS SURFACING MACHINES

For

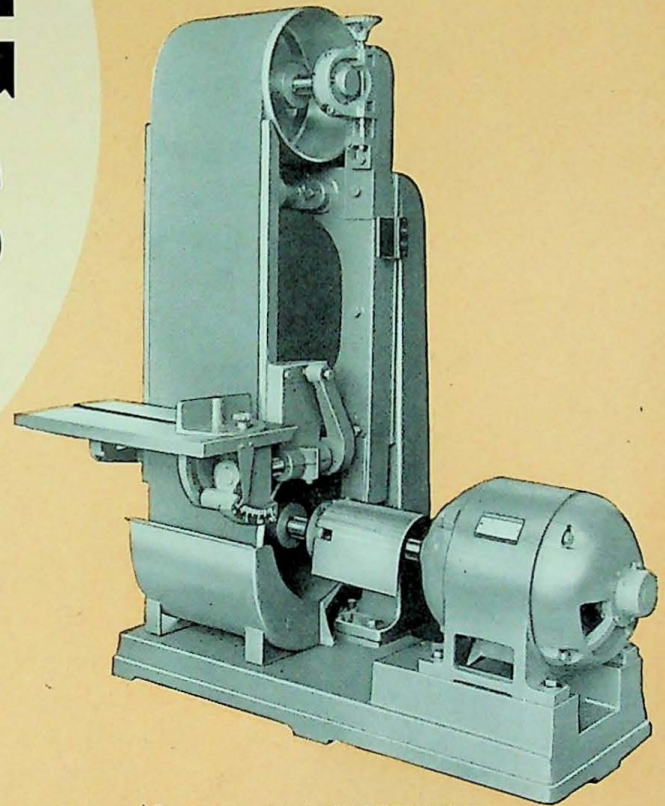
SANDING
SURFACING

and

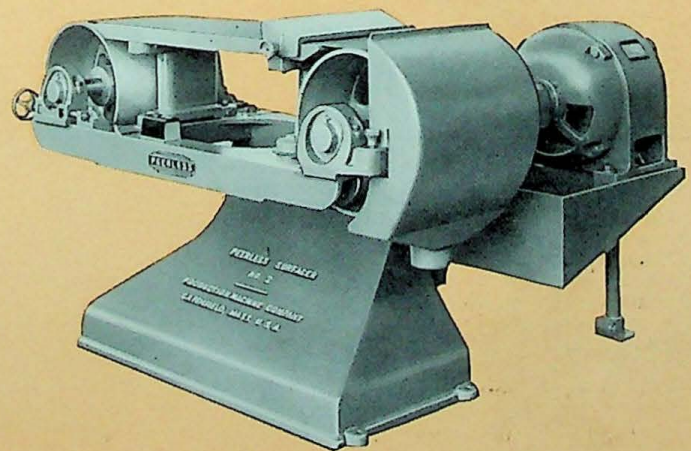
Straight Line
FINISHING

HORIZONTAL . .
. . VERTICAL

**Wood and
Plastic Products
Die Castings
Forgings etc.**



No. 4 - 14" VERTICAL

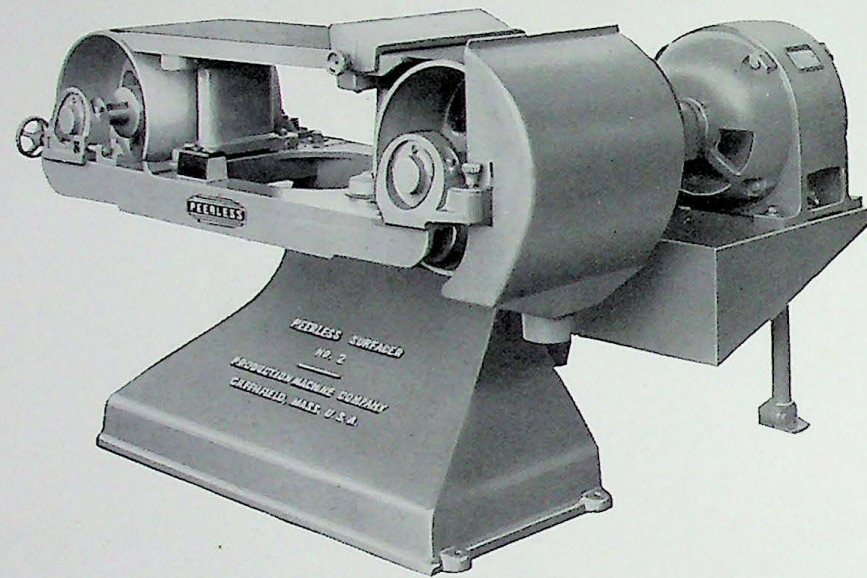


No. 2 - 14" HORIZONTAL

Production
MACHINE COMPANY

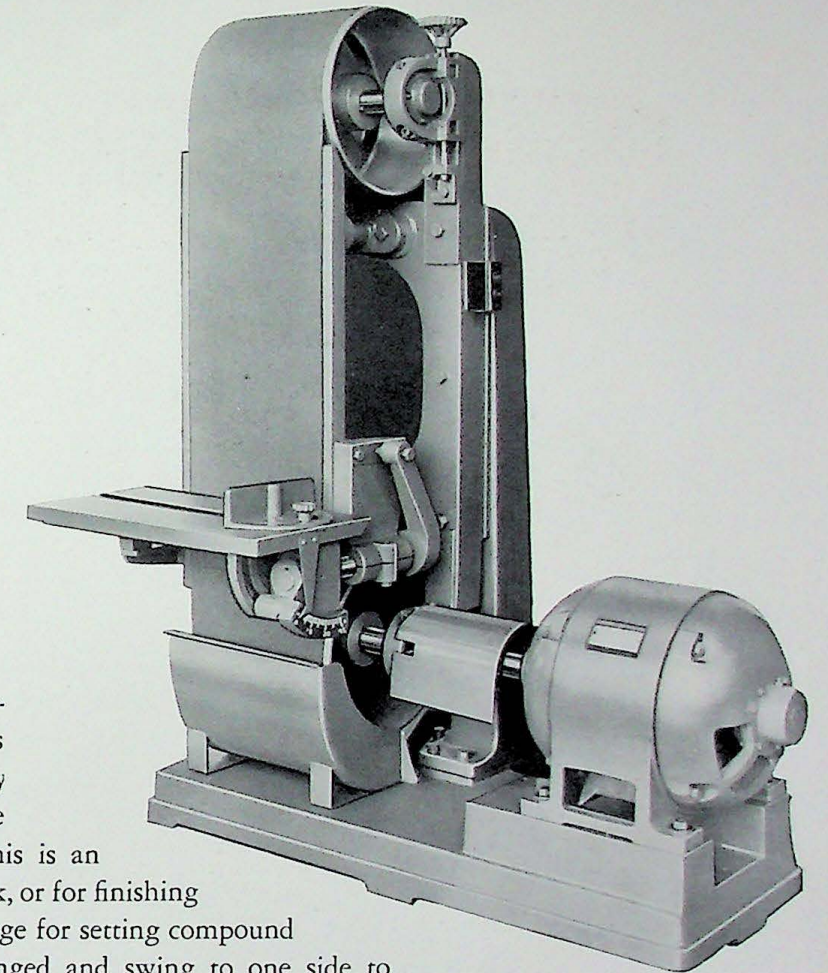
GREENFIELD, MASSACHUSETTS, U.S.A.

For Metal .. Fibre .. Rubber .. Plastics .. Wood ..



The Peerless Belt Surfacing Machines have enjoyed an excellent reputation for many years. Continued improvement in design and utility value has increased their acceptance and popularity in nearly every industry... a size and type for most surfacing and sanding needs.

The horizontal type is suitable for straight line finishing of flat surfaces. Castings, forgings and many irregular shapes of nearly every material can be easily handled at high rate of production. Full ball bearing equipped and of heavy duty construction these machines have been improved in design to give long lasting service. The work stop on the platen may be adjusted to any position and the guard is hinged to facilitate belt changes. Belt tension and tracking are easily controlled by large hand wheels conveniently located.



The vertical type is of the same general construction as the horizontal machine. This type has several extra features which are desirable for many applications and is equipped with an adjustable work table which may be tilted up to 45°. This is an excellent feature when edging or beveling flat work, or for finishing angular pieces. Also included is an adjustable gauge for setting compound angles. Work table support and guards are hinged and swing to one side to facilitate belt changes.

Specifications

HORIZONTAL TYPE

Machine	No. 1 — 9"	No. 2 — 14"	No. 3 — 20"
Height	39"	39"	39"
Width overall — approx.	37"	49"	60"
Length overall — maximum	38"	60½"	67"
Distance from floor to top of Belt Table	37"	36¼"	36⅞"
Belt Table	10¼" wide x 20½" long	15⅝" wide x 35" long	21¾" wide x 42" long
Length of work which can be sanded with gauge in place	17"	30"	36"
Drums	10" dia. x 10" face	15" dia. x 15" face	15" dia. x 21" face
Abrasive Belt	9" wide x 7' 1" long	14" wide x 11' 1" long	20" wide x 12' 1" long
Speed of Main Shaft	1160 — 1750 R.P.M.	870 — 1160 R.P.M.	870 — 1160 R.P.M.
Abrasive Belt speed — approx. surface feet per minute	3000 — 4550 F.P.M.	3400 — 4550 F.P.M.	3400 — 4550 F.P.M.
Horsepower	3	5	7½
Space necessary for convenient operation	5' x 5'	8' (Front of machine) x 6' depth	9' (Front of machine) x 8' depth
Weight without motor	585 lbs.	1388 lbs.	1863 lbs.
Weight with motor	788 lbs.	1663 lbs.	2168 lbs.
Weight without motor (crated)	795 lbs.	1708 lbs.	2223 lbs.
Weight with motor (crated)	998 lbs.	1983 lbs.	2528 lbs.

VERTICAL TYPE

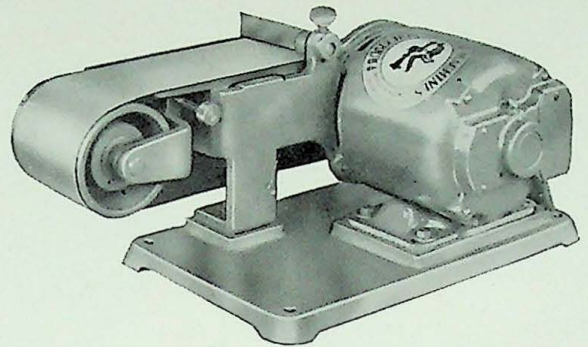
Machine	No. 4 — 14"	No. 5 — 20"	No. 6 — 9"
Height	67"	72½"	53½"
Width overall (Front of machine)	50"	60½"	39"
Depth	35½"	39½"	24"
Distance from floor to top of Work Table	27"	25⅞"	26¼"
Work Table	12" wide x 23½" long	12" wide x 29⅞" long	8" wide x 12¼" long
Work Table tilts for angle work	45°	45°	45°
Belt Table	15⅝" wide x 35" long	21¾" wide x 42" long	10¼" wide x 20½" long
Drums	15" dia. x 15" face	15" dia. x 21" face	10" dia. x 10" face
Abrasive Belt	14" wide x 11' 1" long	20" wide x 12' 1" long	9" wide x 7' 1" long
Speed of Main Shaft	870 — 1160 R.P.M.	870 — 1160 R.P.M.	1160 — 1750 R.P.M.
Abrasive Belt Speed — approx. surface feet per minute	3400 — 4550 F.P.M.	3400 — 4550 F.P.M.	3000 — 4580 F.P.M.
Horsepower	5	7½	3
Length of work which can be sanded	26½"	33"	15"
Space necessary for convenient operation	7' wide (front of machine) x 5' 6" depth	8' 6" wide (front of mach.) x 7' depth	5' x 5'
Weight without motor	1463 lbs.	2105 lbs.	703 lbs.
Weight with motor	1738 lbs.	2410 lbs.	906 lbs.
Weight without motor (crated)	1733 lbs.	2395 lbs.	848 lbs.
Weight with motor (crated)	2008 lbs.	2700 lbs.	1051 lbs.

PEERLESS BENCH SURFACERS

FAST · VERSATILE · CONVENIENT

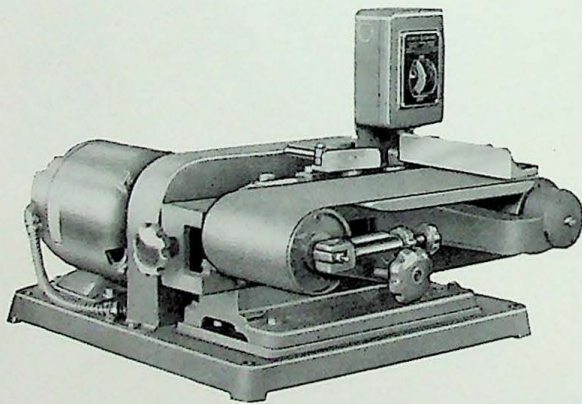
Peerless Type 601

A compact yet sturdy bench surfer for burring, surfacing and finishing small parts. The motor is integral with the machine and adds to the efficiency of the design. The ball bearing idler pulley may be adjusted for belt tension and tracking. Furnished with 6 ft. of cord and plug ready for connection and instant use.



Specifications

Length	19"	Belt Speed	2000 F.P.M.
Width	14"	Height	9¼"
Drums	4" x 4½"	Motor — ⅛ H.P.	1800 R.P.M.
Belt Table	7½" x 4½"	Net Weight	57 lbs.
Abrasive Belt	4" x 35"	Shipping Weight	75 lbs.



Peerless Type 606

Heavy Duty

A long felt need for a high grade bench surfer prompted the development of this heavier machine. Using an abrasive belt 6 inches wide by 42 inches long this machine is full ball bearing equipped and built for long service under heavy production loads.

Specifications

Length	22½"	Abrasive Belt	6" x 42"
Width	29"	Belt Speed	2520 F.P.M.
Drums	4" x 6¼"	Speed of Pulley	2400 R.P.M.
Belt Table	12" x 8"	Motor — ¾ H.P.	1800 R.P.M.
Height-over-Switch	16½"	Net Weight	120 lbs.
		Shipping Weight	325 lbs.

Production

MACHINE COMPANY, GREENFIELD, MASS., U.S.A.