

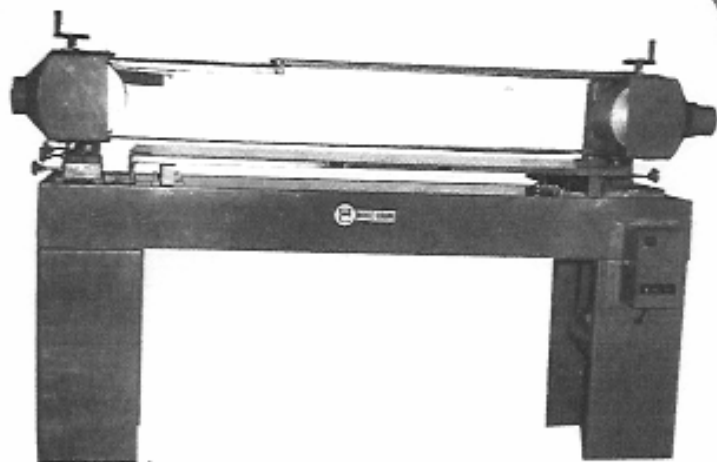


BOICE CRANE®

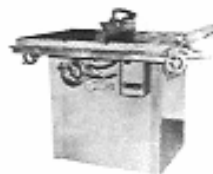
P. O. Box 429

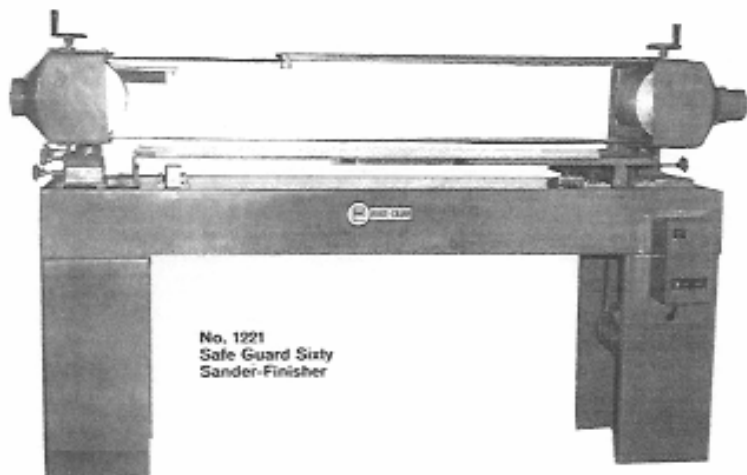
Gothenburg, NE 69138

Phones: (308) 537-3616 or 537-3617



**BELT- STROKE
SANDER-FINISHER**





No. 1221
Safe Guard Sixty
Sander-Finisher

BELT-STROKE SANDER-FINISHER

New! Improved! Safe Guard Sixty offers total protection

Boice Crane pioneered the industrial quality long belt sander. Now, Boice Crane 60-inch Belt-Stroke Sander-Finishers are "new" again. Self tracking belts ride faster on balanced aluminum drums. Lift and tension mechanisms are redesigned for increased convenience and control. The working table moves with less effort on balled bushings. Protruding table rails have been completely eliminated for maximum safety. Double drum guards and a top belt guard shield provide total protection.

Here's the answer for the shop that wants more than hand tools for finishing operations. The belt-stroke sander-finisher is the only foolproof method of producing a beautiful finish on large flats and multiple parts setups. Foolproof because of the combination of high operating speeds and extra long belts — providing up to 208,000 square inches of working abrasives every minute. There is never any guesswork because the surface is always face-up for quick visual checks. The hand stroker weighs just 13 oz. — doesn't dig in to spoil the work, never tiring. Gives you a special "super-orbital" finishing action, impossible with any other machine.

Belt-stroke sanding offers unheard of simplicity and control for all types of finishing — wood or metal. The new features and improvements give you the safest, easiest operating machine of its type... your best buy in medium sized industrial quality finishing equipment.

SPECIFICATIONS

Drums: 9 $\frac{1}{4}$ " Dia.	Turned Aluminum
6 $\frac{1}{4}$ " Wide	
Abrasive belt, width	6"
Vertical drum adjustment	0 - 4"
Work table travel	11 $\frac{1}{2}$ "
Work table size	18" x 60"
Work capacity: Length	60"
Width	29"
Capacity, max., under belt	4"
Power, recommended	1 $\frac{1}{2}$ to 2 hp
Speeds	3000 sfm
Height, table to floor	38"
Overall dimensions	80 $\frac{1}{2}$ " L 30" D 53" H
Shipping weight with motor	460 lbs.



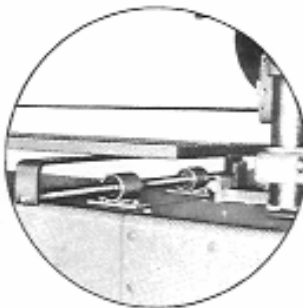
New metal finishing ease

The combination of extra long abrasive belts and high speeds adds the versatility of metal finishing to conventional wood sanding operations. Perfect for graining large sheets or deburring small parts and assemblies.



Controlled speed finishing

Production speeds provide up to 208,000 square inches of working abrasives every minute. Operator has full control, from light touch-up of small areas to deep all-over cuts. Hand stroke method eliminates guesswork because the work surface is always "face up."



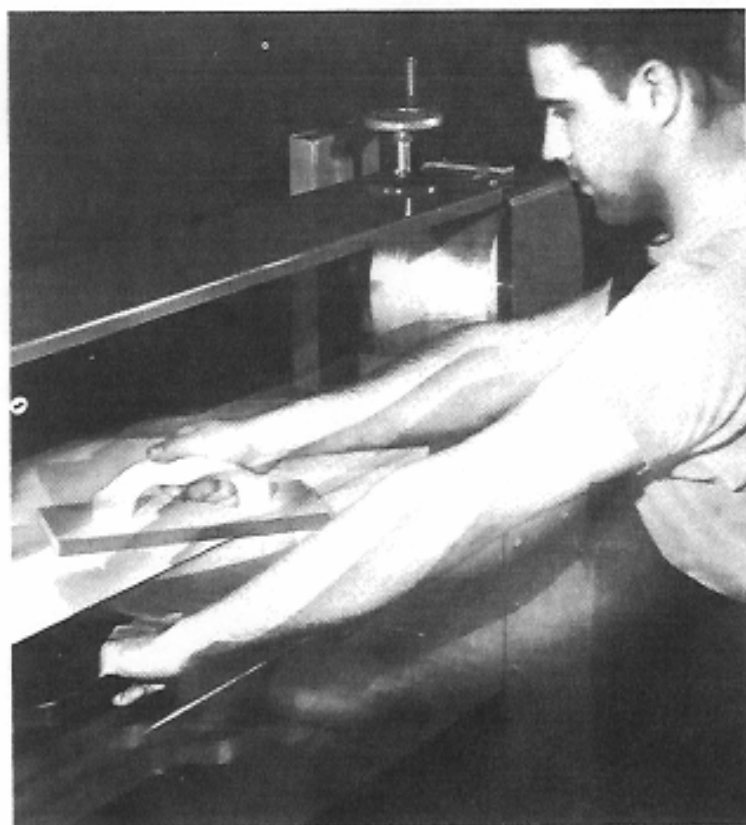
New "feather touch" table

Table shafts slide on "balled bushings" — greatest improvement in stroke sanders in a decade. So friction-free are these bearings that the table moves literally at the mere touch of a finger, reducing operator fatigue. Orbital action is turned into full production capability.



No-bind rail bushings

The new balled bushings on which the table rails ride are adapted strictly for linear motion. Attached on resilient mounts, they carry a 372 lb. rolling load with scarcely any friction. There can be absolutely no binding, shake, chatter or play! Easily lubricated.



MOVE THE TABLE . . . MOVE THE STROKER . . . THAT'S ORBITAL ACTION!

New Orbital Action

For highly prescribed satin finishes on wood or metals, Boice Crane Belt-Stroke Sander-Finishers provide unique orbital action. Unlike hand sanders which are moved in harsh, short-stroke oscillations with a scrubbing motion, Boice Crane provides long, broad-sweep orbital patterns through both the stroker and the table. Result: a perfect sheen on every wood or metal surface even at maximum production speeds.

Multiplied Finishing Action

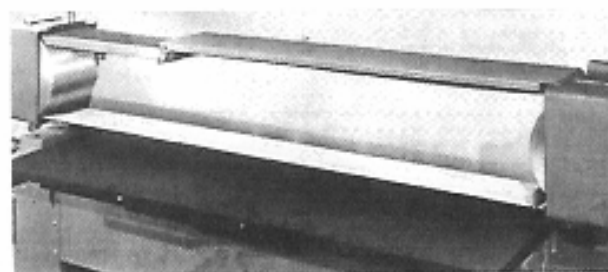
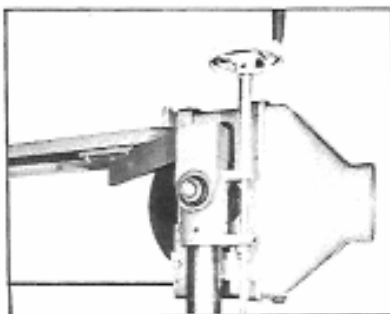
. . . Completely Within Operator's Control

Boice Crane broad-sweep orbital strokes actually multiply finishing action through large overlapping stroke patterns. In addition, there's no fixed orbital speed or stroke with Boice Crane. Both the table travel and stroke pattern of these versatile sander-finishers are completely within the operator's control—thus providing a uniquely smooth finish on any size workpiece with any grade of abrasive.

NEW SAFETY. . . NEW CONVENIENCE

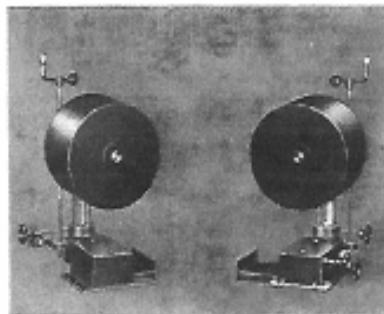
Auxiliary table

A second work table (502143) adds to the versatility of a rigid-platen belt sander-finisher for small flats and assemblies. The 6' x 21" platen is detachable or may remain in place for instant use without interfering with normal hand stroke operation of the machine.



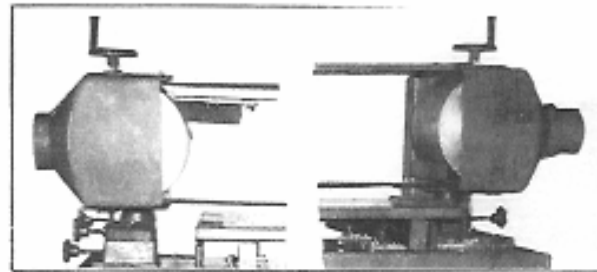
Top belt guard

Here's a big safety plus, a Boice Crane exclusive. Top belt guard (500012) covers the unused portion of the belt and prevents accidents. Guard is easily attached to the auxiliary work table with one belt.



All purpose drums

Make your own super long or special purpose belt sander-finisher with Boice Crane matched drums (502122). Use them as back stands, idlers, contact wheels. Drum set includes Power and Idler drums as shown.



Double drum guards for maximum safety

For total worker protection, new guards cover both drums without limiting finishing area. Right and left drum guards are standard equipment on the Safe Guard Sixty model, optional on others.

CATALOG LISTINGS / BELT STROKE SANDER-FINISHERS

Cat. No.	Description	Shipping Wt., Lbs.	Cat. No.	Description	Shipping Wt., Lbs.
60" MODELS					
BASIC MACHINES					
1220	60" Belt Stroke Sander-Finisher Floor Model. Standard equipment includes: Turned Aluminum Drums, Rolling Table, Abrasive Belt, Hand Stroker, Belt, Pulley and Belt Guard, without motor and switch	400 lbs.	1221	60" Belt Stroke Sander-Finisher Floor Model. Fully guarded. Standard equipment includes same as 1220, plus No. 504120 Safeguard-Sixty Kit as listed below, without motor and switch	425 lbs.
Motorized Machines			Motorized Machines		
1½ horse power models			1½ horse power models		
1223	1-phase; Manual Switch	463 lbs.	1226	1-phase; Manual Switch	488 lbs.
1224	1-phase; Magnetic Switch	463 lbs.	1227	1-phase; Magnetic Switch	488 lbs.
1252	3-phase; Manual Switch	463 lbs.	1256	3-phase; Manual Switch	488 lbs.
1253	3-phase; Magnetic Switch	463 lbs.	1257	3-phase; Magnetic Switch	488 lbs.
2 horse power models			2 horse power models		
1229	3-phase; Manual Switch	483 lbs.	1232	3-phase; Manual Switch	508 lbs.
1230	3-phase; Magnetic Switch	483 lbs.	1233	3-phase; Magnetic Switch	508 lbs.
1250	1-phase; Manual Switch	483 lbs.	1254	1-phase; Manual Switch	508 lbs.
1251	1-phase; Magnetic Switch	483 lbs.	1255	1-phase; Magnetic Switch	508 lbs.

Unless specified, single phase motorized machines are connected 220V as standard; three phase connected 220V. Additional motorized machines are available. Motors are ball bearing heavy duty (184 & 145 frame), 1725 rpm, totally enclosed, fan cooled, 60 cycle AC.

ACCESSORIES

Cat. No.	Description	Shipping Wt., Lbs.	Cat. No.	Description	Shipping Wt., Lbs.
504120	Safe Guard-Sixty Kit Includes four items listed below:	54	946007	Mitt Stroker, Graphited	1
501776	Drum Guard, Right Hand	12	502100	Hand Stroker	1
501777	Drum Guard, Left Hand	12	502122	Drum Assemblies for special purpose sanders. Includes turned aluminum drums, one for power and idler unit with raising and tracking controls and wrench kit	120
502143	Auxiliary Platen	16			
500012	Top Guard for Abrasive Belt, No. 502143 Platen required for attachment	14			

ABRASIVE BELTS, CLOTH BACKED FOR WOOD, METAL OR PLASTIC

6" x 14'1", 4 lbs.

	Grit
914200	150(4/0)
914201	100(2/0)
914202	80(1/0)
914203	60(1/2)
914204	50(1)
914205	40(1 1/2)