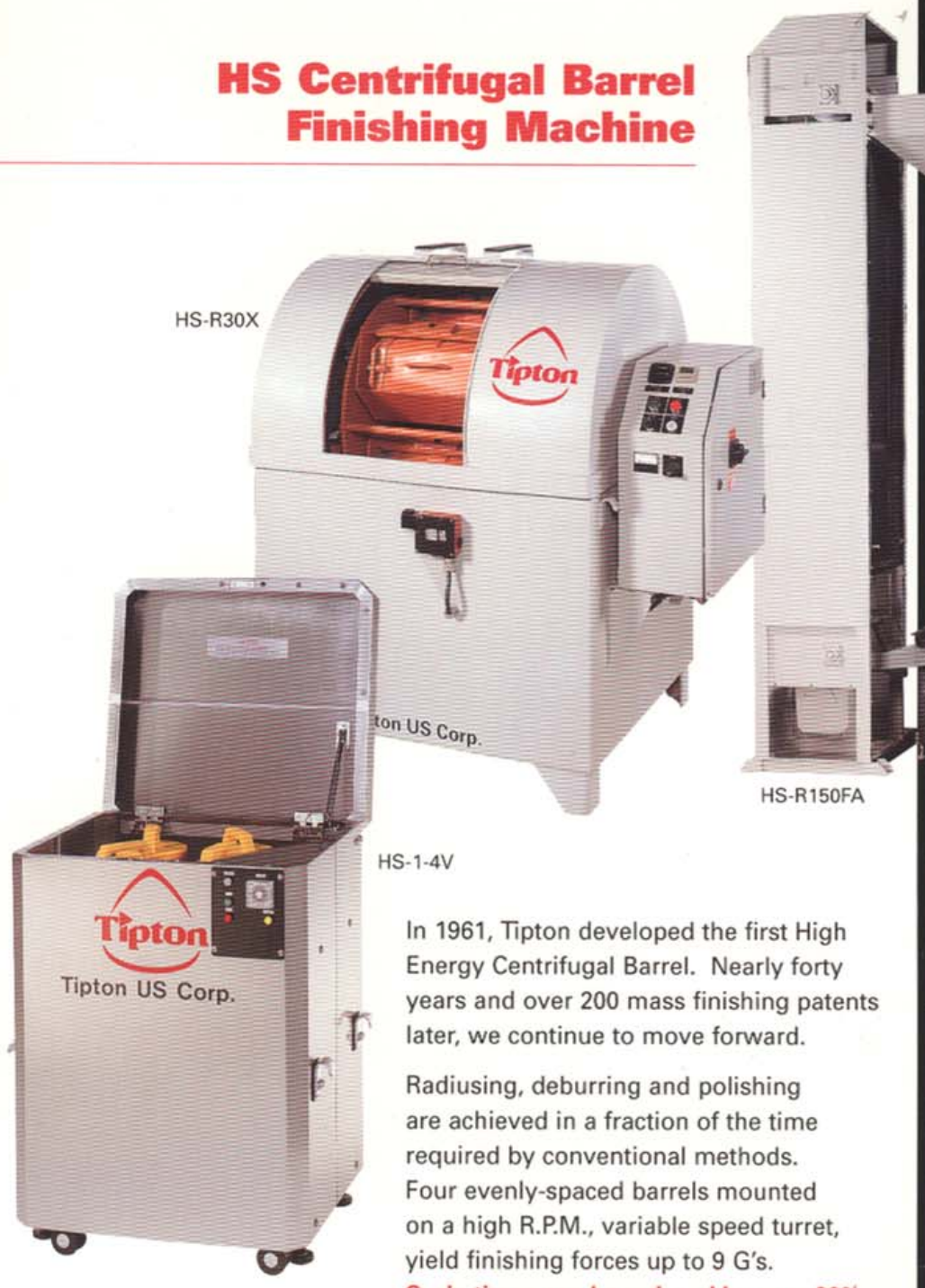
Brighten Your Future

HS Centrifugal Barrel Finishing Machine



HS-R30X

HS-R150FA

HS-1-4V

In 1961, Tipton developed the first High Energy Centrifugal Barrel. Nearly forty years and over 200 mass finishing patents later, we continue to move forward.

Radiusing, deburring and polishing are achieved in a fraction of the time required by conventional methods. Four evenly-spaced barrels mounted on a high R.P.M., variable speed turret, yield finishing forces up to 9 G's. **Cycle times can be reduced by over 90%.**

Standard models are available with parts media separation and media return systems.

HS Centrifugal Barrel Machine Features:

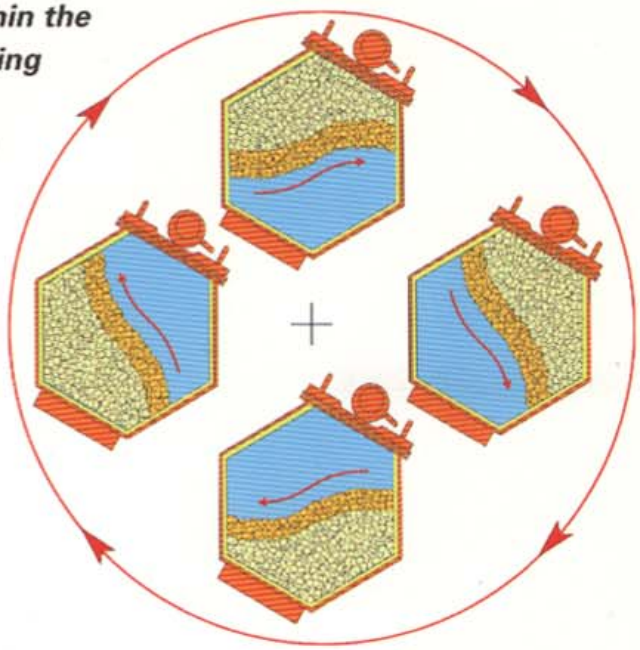
- **Finishes 30 to 40 times faster than conventional methods**
- **Portable units to fully automated systems**
- **Wet and dry processing**

Made in the **U.S.A.**

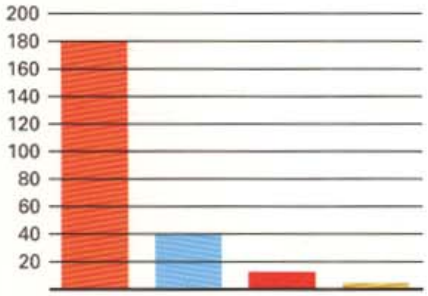
HS Centrifugal Barrel Finishing Machine

Tipton's "double lock" cams ensure security and sealing power while promoting quick "change over" cycles.

As the turret rotates on one axis, (through the use of timing belts or chains) the barrel maintains its original position as it rides on its own axis. As illustrated, the parts/media mixture rotates within the barrel creating up to 9 G's of finishing force.



Finishing Comparison Chart — *30 Minute process time*
(Material removed in mg.)



Material Tested: Roller, 2.5 mm x 8.5 mm
Application: Major cutting of outer circumference and edge

Specifications

Model	Barrel I.D. Lgth x Dia. (inches)	CAPACITY (Cu.Ft.)		Overall Dimensions W x L x H	Weight (Pounds)	HP	RPM (Max.)	G-Force
		per barrel	Total					
HS-1-2V**	4.0 x 4.1	0.04	0.08	17.7 x 15.7 x 25.6	150	0.4	285	9G
HS-1-4V	4.0 x 4.1	0.04	0.16	23.6 x 26.3 x 34.3	300	1	270	9G
HS-R30X	11 x 6.7	0.26	1.04	38.0 x 40.0 x 46.2	863	2	185	8.9G
HS-R80X	17.3 x 8.9	0.71	2.84	59.2 x 54.7 x 65.3	2400	7.5	145	7.6G
HS-R150X	18.2 x 11.7	1.34	5.36	64.5 x 63.8 x 78.6	4500	10	126	7G
HS-R240X	24.9 x 13	2.13	8.52	75 x 93.5 x 84.6	7600	20	125	7.6G

Available in 208v, 230v and 460v please specify
Note: HS-1-2V = 110v HS-1-4V = 200v - 230v
***HS-1-2V not available with variable speed*