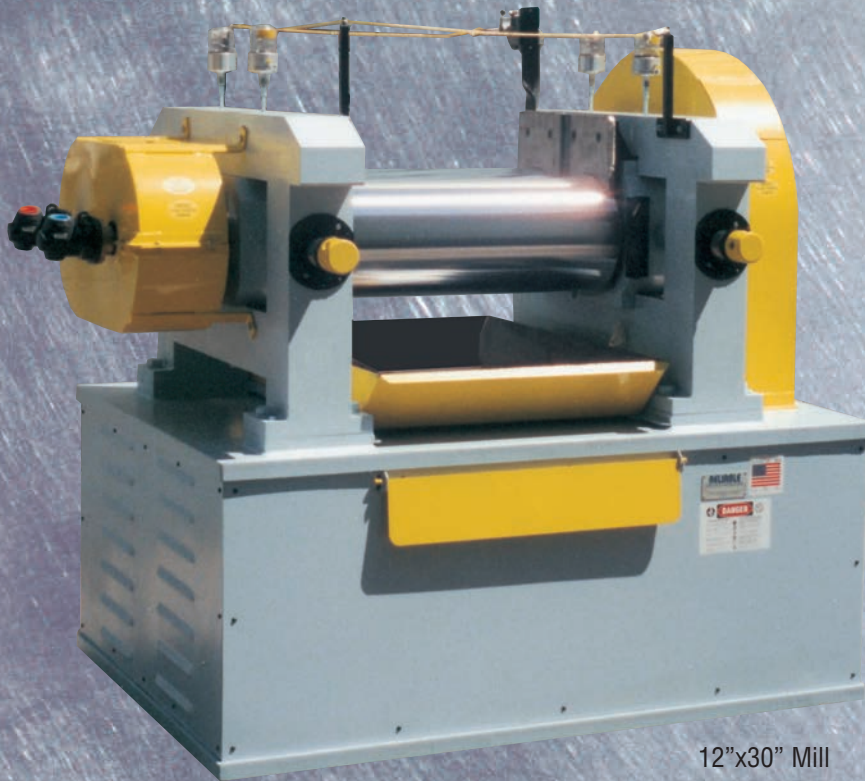


# RELIABLE

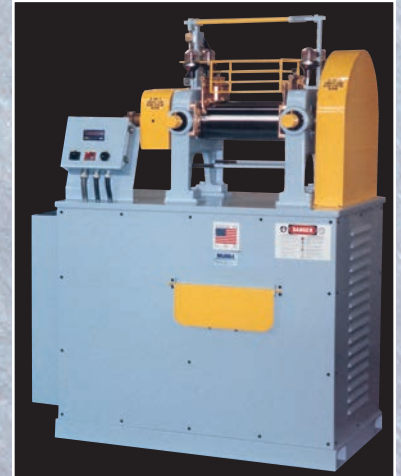
## NEW LABORATORY MILLS



12"x30" Mill



3"x8" Junior Research Mill  
Variable Speed/Variable Friction



6"x13" Standard Lab Mill



8"x16" Standard  
Lab Mill



10"x20" Mill



6"x13" Research Mill  
with Roller Bearings  
Variable Speed/Variable Friction

See Reverse Side for Technical Specifications

# RELIABLE Rubber & Plastic Machinery

2008-14 Union Turnpike, North Bergen, N.J. 07047 USA (201) 865-2850 or (201) 865-1073 Fax: (201) 865-6878  
WWW.RELIABLE-MACHINERY.COM E-Mail: Info@Reliable-Machinery.com Made in the USA Se Habla Español

# NEW LABORATORY MILLS

## TECHNICAL INFORMATION

Since the early 1950's, Reliable has been the world leader in the manufacture of state-of-the-art laboratory mills ranging in size from 3"x8" to 12"x30". Depending on your requirements, mills can be supplied with constant speed, variable speed or variable speed/variable friction. All mills are test run at our facility and are designed for quiet, energy efficient operation and meet all current O.S.H.A. (Occupational Health and Safety Administration) requirements. Reliable also offers a full range of HT Series electrically heated mill rolls.

TECHNICAL DATA	UNITS	3"x8"	6"x13"	8"x16"	8"x18"	10"x20"	12"x24"	12"x30"
Roll Diameter	(mm) in	(76.2) 3	(152.4) 6	(203.2) 8	(203.2) 8	(254) 10	(304.8) 12	(304.8) 12
Roll Width	(mm) in	(203.2) 8	(330.2) 13	(406.4) 16	(457.2) 18	(508) 20	(609.6) 24	(762) 30
Capacity	(liters) pounds	(2.2) 1	(4.4) 2	(8.8) 4	(11) 5	(3.6) 8	(8.1) 18	(10) 22
Number of Rolls	-----	2	2	2	2	2	2	2
Roll Speeds (Fixed speed)	RPM	30	30/33	30/33	30/33	30	25	23
Roll Speeds (Variable speed)	RPM	0-30	0-30/33	0-30/33	0-30/33	0-30	0-25	0-23
Friction Ratio (Fixed)	-----	1:1/1.25	1:1/1.25/1.4	1:1/1.25/1.4	1:1/1.25/1.4	1:1/1.25/1.4	1:1/1.25/1.4	1:1/1.25/1.4
Friction Ratio (Research)	-----	Variable	Variable	Variable	Variable	Variable	Variable	Variable
<b>MOTOR POWER</b>								
Standard	(KW) HP	(1.1) 1.5	(5.5) 7.5	(11.1) 15	(11.1) 15	(14.8) 20	(18.5) 25	(22) 30
Variable Speed	(KW) HP	(1.5) 2.0	(5.5) 7.5	(11.1) 15	(11.1) 15	(18.5) 25	(22.2) 30	(29.6) 40
Research	(KW) HP	((2).74) (2)1.0	((2)3.7) (2)5.0	((2)7.4) (2)10.0	((2)7.4) (2)10.0	((2)11.1) (2)15	((2)14.8) (2)20	((2)18.5) (2)25
Surface Temperature (Maximum)	(°C) °F	(121°) 250°	(121°) 250°	(121°) 250°	(121°) 250°	(121°) 250°	(121°) 250°	(121°) 250°
Machine Width	(mm) in	(1219) 48	(1219) 48	(1524) 60	(1524) 60	(1828) 72	(1828) 72	(1828) 72
Machine Depth	(mm) in	(508) 20	(711) 28	(914) 36	(914) 36	(1168) 46	(1168) 46	(1270) 50
Machine Height	(mm) in	(1371) 54	(1524) 60	(1778) 70	(1778) 70	(1828) 72	(1879) 74	(1930) 76
Machine Weight	(kg) lbs	(318) 700	(725) 1600	(1543) 3400	(1543) 3400	(5433) 12,000	(5897) 13,000	(6804) 15,000
Electrical Requirements - Please specify your electrical requirements at the time of quotation request.								

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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