



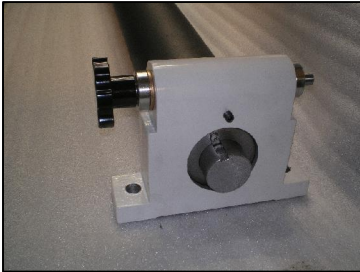
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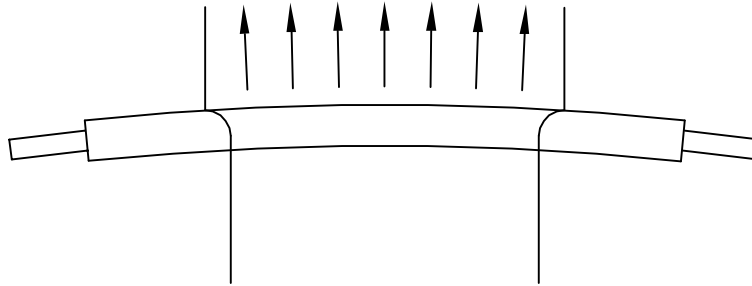
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P300 BOWED ROLLERS

Applications : crease removal - slit separation - web spreading

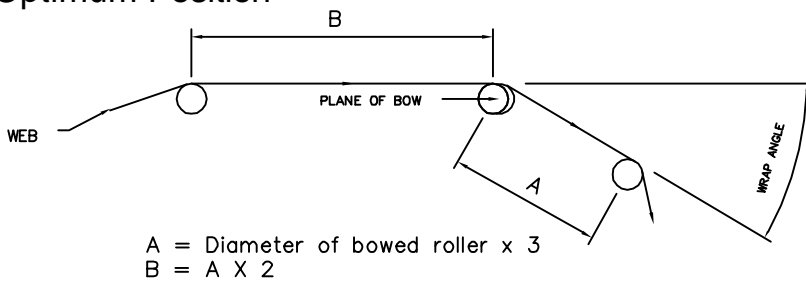


Type P300 bowed rollers are constructed with a permanently bowed axle. Fitting over the axle are a series of rotating bearing housings and a rubber outer sleeve. The plane of bow can be altered to adjust the amount of spreading force.



As the web travels over the arc of the bow, the material is stretched thus removing any wrinkles. If the web has been slit into numerous sections the ribbons diverge until arrested by the next path roller.

Optimum Position



Recommended Wrap Angle	
Plastic Film	50° - 70°
Paper / Board up to 150 GSM	20° - 40°
Paper / Board over 150 GSM	15° - 20°
Textiles & Nonwovens	50° - 100°

PART No.	AXLE Ø	ROLLER Ø	MAX. FACE	MAX. SPEED
P300-16-38	16	38	650	220 MPM
P300-19-38	19	38	650	220 MPM
P300-25-50	25	50	1200	275 MPM
P300-30-70	30	70	1800	400 MPM
P300-40-90	40	90	2300	500 MPM
P300-45-105	45	105	3000	575 MPM
P300-55-130	55	130	3500	700 MPM
P300-60-155	60	155	4000	800 MPM

SPECIALS AVAILABLE.
MAXIMUM FACE MAYBE INCREASED FOR SLOW SPEED APPLICATIONS

When using light materials or the web tension is insufficient to rotate the bowed roller a drive pulley must be used. If possible drive the bowed roller at approximately 0.5% faster than the web speed.