



B3

*3 ROLL
DOUBLE
INITIAL PINCH*

Capacities ranging from 1.5 metre to 3 metre and 3mm to 70mm. The Biko B3 three roll double initial pinch machines, are manufactured with capacities ranging from 1.5m to 3m and 3 mm to 70mm, and have been designed to achieve the most versatility in a traditional industry.

With all three rolls independently driven by independent motors and gearboxes, two powerful hydraulic cylinders to each roll and a hydraulically operated drop end bearing for the removal of

completed cylinders, the machine has the capabilities to produce high quality rolled parts and as a result of its low competitive cost is the preferred machine of the general fabricator, who needs the assurance of a strong and user friendly machine. General fabricators are the main users of this product.

Within our range the Biko B3 offers the maximum rolling power with the minimum investment cost.





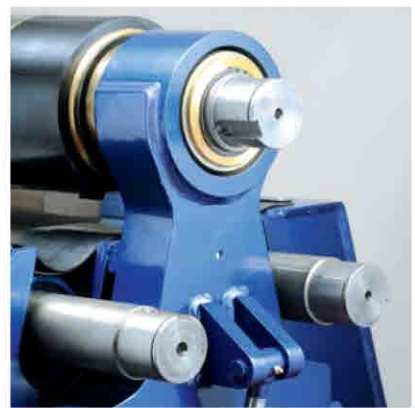
TOP/CENTRAL SUPPORT:

When rolling thinner material to larger diameters, the rolled part has little inherent strength and has a tendency to collapse, the result an 'egg' shaped cylinder. It is normal workshop practice to support the work piece with either a fork truck or overhead crane, which ties up valuable equipment and could create a 'bottleneck' in production.



PROFILE DIES

Profile dies can be mounted on to the machined extended roll shafts outside the drop end bearing. These can be adjusted according to the profile shape (T U Flat)



Model	Rolling Capacity	Prebend Capacity	Prebend Capacity	Rolls Diameter	Power HP	Weight Tons	Dimensions Metres
B 3	5xD	5xD	1,3xD	(D)			
1615	9	7	6	155/150	5,0	2	3,1x1,0x1,2
1621	15	12	9	215/195	10,0	3	3,2x1,0x1,1
2015	7	6	4	155/150	5,0	2	3,6x1,0x1,2
2021	13	9	7	215/195	10,0	3	3,7x1,0x1,1
2028	23	18	13	285/265	20,0	6	4,5x1,2x1,7
2621	9	7	5	215/195	10,0	4	4,2x1,0x1,1
2628	19	15	11	285/265	20,0	7	5,0x1,2x1,7
2635	23	19	15	350/320	30,0	11	4,8x1,5x1,8
3121	7	5	3	215/195	10,0	4	4,7x1,1x1,1
3128	15	12	9	285/265	20,0	8	5,3x1,2x1,7
3135	20	15	12	350/320	25,0	12	5,5x1,4x1,7
3138	25	20	15	380/350	30,0	15	5,9x1,9x1,9
3141	32	25	20	410/380	35,0	19	6,1x2,1x2,1
3146	40	32	26	460/420	40,0	25	6,3x2,3x2,4
3154	50	40	30	540/500	50,0	37	6,5x2,4x2,6
3158	60	50	40	580/540	75,0	43	7,1x2,6x2,7
3162	70	60	50	620/570	100,0	52	7,2x2,7x2,8

Larger, Smaller and Intermediate Sizes available on request.

SIDE SUPPORTS:

Primarily used when rolling larger diameter open shapes, the side support is used to prevent the weight of the material re-opening the rolled diameter as the material traverses through the rolls.

Accessories available on this machine:

- Induction surface hardened rolls;
- Cone rolling package;
- Profile bending dies;
- Digital displays;
- Top supports;
- Side supports.