

## HEAVY WEIGHTS IN THE INDUSTRY



Model VP.100 Special-Positioner  
(Capacity 100,000 kgs)



Model VP.25 Positioner  
(Capacity 25,000 kgs)

Get in touch today  
to discuss your  
production needs and  
let BODE meet your  
needs in full.



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## CONVENTIONAL POSITIONERS

Light - Medium - Heavy



ON TRACK TO TURN OUT  
A PERFECTLY ENGINEERED PRODUCT

# THE BEST SOLUTIONS FOR BETTER FABRICATION

With decades of engineering expertise and design skills, today's Bode positioners are second-to-none, handling workpieces from just a couple of hundred kilograms to several hundred tonnes. Size has never been a problem with Bode!

Free-standing, robust all steel fabrication, variable speed table rotation, round or square „T slotted“ tables with extension arms on some models, table tilt, steel gears, enclosed electric motors including electro-magnetic brakes, efficient built-in earthing, pendant remote push button controls on many models, and a range of optional

extras, all make Bode Positioners exceptionally valuable pieces of equipment on any production floor. Equally, they represent great value for money.

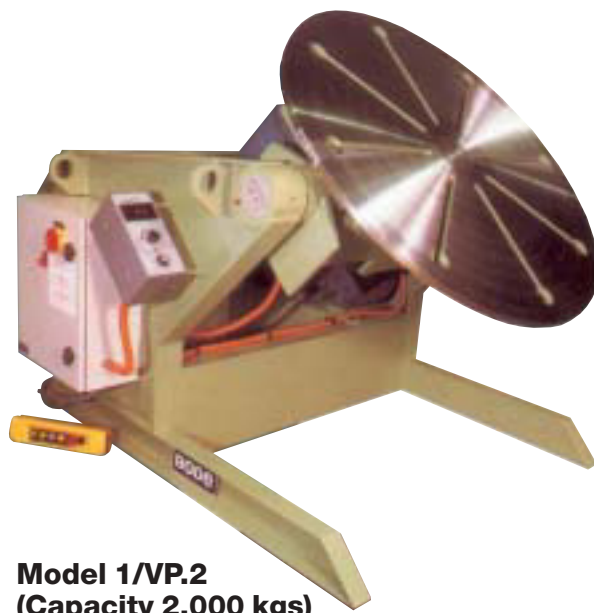
Contact us today for more information, or to discuss your special positioner needs.



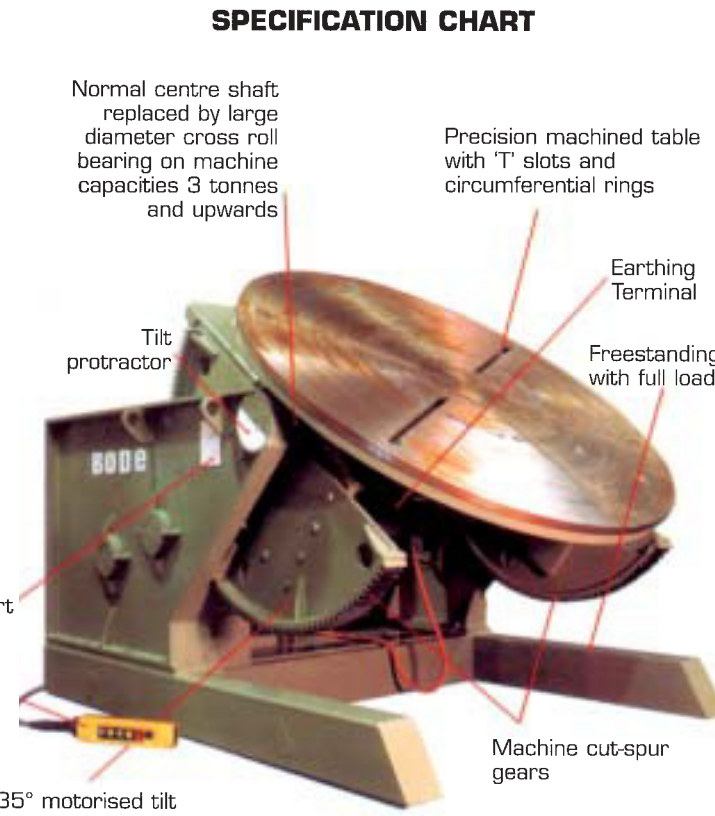
**Model 1/VP.20  
(Capacity 20,000 kgs)**



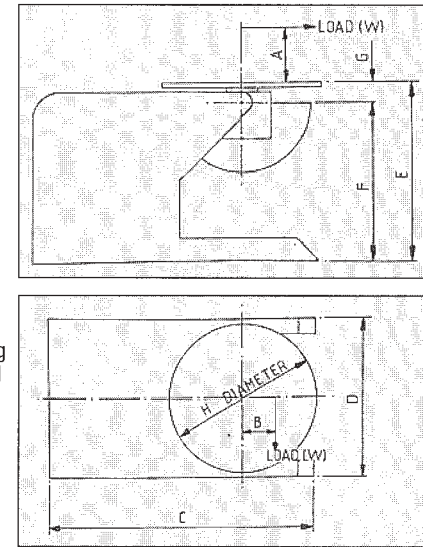
**Model 2/VP.10 Special (Capacity 10,000 kgs)  
Special Positioner with manual elevating cradle**



**Model 1/VP.2  
(Capacity 2,000 kgs)**



## SPECIFICATION CHART



Rotation torque (R) is a calculation of Load (W) x Eccentricity (B)  
**Rotation Torque (R) = W x B = kg metres.**  
 To calculate the tilt torque (T) it is important to use the full distance to the table pivot point by adding the Centre of Gravity (A) and table pivot distance (G).  
**Tilt Torque (T) = W x (A + G) = kg metres**  
 Example: What weight can a 1/VP2 Positioner safely support with a centre of gravity of the load 200mm from the table face?  
 Answer: 
$$\frac{\text{Tilt Torque (T)}}{200\text{mm} + \text{Distance (G)}} = \frac{600}{200 + 150} = 1.714 \text{ tonnes}$$

OUTLINE STATISTICAL INFORMATION																				
Diagram X-Ref	5.VH	10.VH	10.VP	20.VH	20.VP	1.VP/2	2.VP/2	1.VP/3*	2.VP/3	1.VP/5	1.VP/8	1.VP/10	2.VP/10	1.VP/15	2.VP/15	1.VP/20	2.VP/20	VR.25	VP.35	
Rated load of Capacity Kgs	W	250	500	500	1000	1000	2000	2000	3000	3000	5000	8000	10000	10000	15000	15000	20000	20000	25000	35000
Rated Centre of Gravity mm	A	150	150	150	150	150	150	300	150	300	300	300	400	750	500	750	500	750	1000	1016
Rated Eccentricity mm	B	150	150	150	150	150	150	230	150	150	150	150	150	225	150	250	150	200	100	150
Rated Load Table Horizontal Kgs	-	380	750	750	1500	1500	3000	3000	4500	4500	7500	12000	15000	15000	21000	21000	28000	28000	35000	50000
Rated Tilt Torque Kg M	T	62.5	150	150	300	300	600	900	900	1350	2400	4080	6800	10500	12000	15750	16000	21000	33750	49560
Rated Rotation Torque Kg M	R	37.5	75	75	150	150	300	460	450	450	750	1200	1500	2250	2250	3750	3000	4000	2500	5250
Distance from Table to Pivot mm	G	100	150	150	150	150	150	150	150	150	180	210	280	300	300	300	300	300	350	400
Rotation Speed (Thyristor) rpm	-	0.07	0.07	0.07	0.07	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.033	0.033	0.033	0.033	0.033	0.033	0.0125	0.033
(Thyristor) rpm	-	1.40	1.40	1.40	1.40	1.40	1.00	1.00	1.00	1.00	1.00	1.00	0.66	0.66	0.66	0.66	0.66	0.66	0.25	0.66
Tilt Speed (secs per 135°)	-	Hand	Hand	30	Hand	30	45	45	45	40	60	64	110	110	110	110	150	150	220	450
Table Diameter mm	H	610	920	920	920	920	1070	1070	1220	1220	1525	1525	1830	1830	2200	2200	2400	2400	2940	2940
Table Slots-Bolt Size	-	M16	M16	M16	M16	M16	M20	M20	M20	M20	M20	M24	M24	M24	M36	M36	M36	M36	M42	M48
Rotation Motor KW	-	0.18	0.18	0.18	0.37	0.37	1.1	1.1	1.1	1.1	1.5	3.0	2.2	3.0	3.0	4.0	4.0	5.5	3.0	7.5
Tilt Motor KW	-	Hand	Hand	0.37	Hand	0.75	0.75	0.75	1.1	2.2	2.2	3.0	4.0	5.5	5.5	5.5	5.5	7.5	7.5	7.5
Earthing Amperes	-	300	300	300	300	300	300	300	300	300	300	600	600	600	600	600	600	600	600	1800
Overall Length mm	C	1150	1350	1350	1350	1350	1610	1610	1700	1700	2200	2250	2650	3100	3200	3200	3300	3300	3800	3800
Overall Width mm	D	680	920	920	920	920	1250	1250	1350	1350	1600	1600	2100	2150	2200	2200	2400	2400	2940	2940
Overall Height to Table Level mm	E	900	1000	1000	1000	1000	1012	1012	1230	1230	1200	1360	1800	1800	1800	1800	1800	1800	2400	2435
Overall Height to Trunnions mm	F	800	850	850	850	850	862	862	1080	1080	1020	1150	1520	1500	1500	1500	1550	1500	2050	2035
Machine Weight (nett) Kgs	-	250	490	510	550	560	1220	1250	1380	1400	2200	2550	6500	6700	10000	10250	12200	12500	17600	23000

\* Table supported on crossroll bearing for model 1.VP/3 onwards

**Model 5.SPP Positioner  
(Capacity 250 kgs)**

