

BEM

G

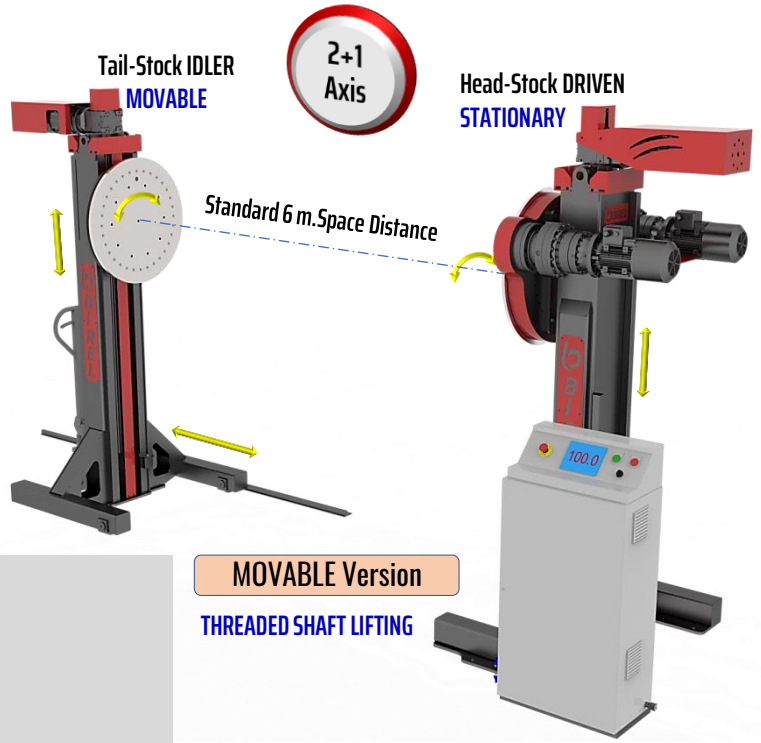
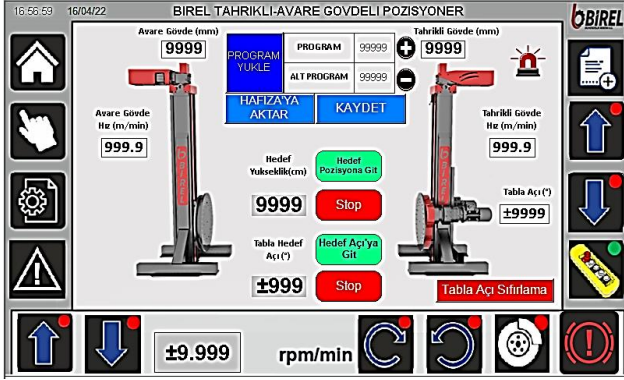
Chapter-A :Positioner Range | A04: Head-Tail Stock

STANDARD-Manual MOVABLE Model CHASSIS Welding Positioner (2+1 Axis)

BIREL
MÜHENDİSLİK MAKİNA A.Ş.

ABOUT PRODUCT

HMI Display :



BEM-G Standard-Manual Movable Model Intended Usage ;

- Suitable for different workpieces having various longitudinal dimensions.
- Low-cost investment.
- Silent Operation.
- Opportunity of Table Rotation Speed adjustment.
- On HMI control unit, program (recipe) capacity and under each different Set Values (Height and Angle) defining opportunity available.

BEM-G
Standard-Movable Type Model

	BEM-1,5G	BEM-3G	BEM-5G	BEM-6G	BEM-8G	BEM-10G	BEM-12G
Capacity (ton)	1,5t	3t	5t	6t	8t	10t	12t
Head Stock Driven	✓	✓	✓	✓	✓	✓	✓
Tail Stock idler	✓	✓	✓	✓	✓	✓	✓
Movable Rail	✓	✓	✓	✓	✓	✓	✓
Lifting by Threaded Shaft	✓	✓	✓	✓	✓	✓	✓
① ✓ : Available X : Not available							

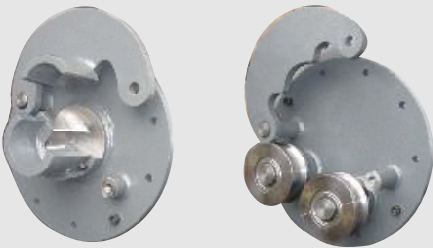
PLC-HMI Display Controlled with HandBox



Optional Control Units

EFFA

Easy Fixing Fixture Apparatus



WRC

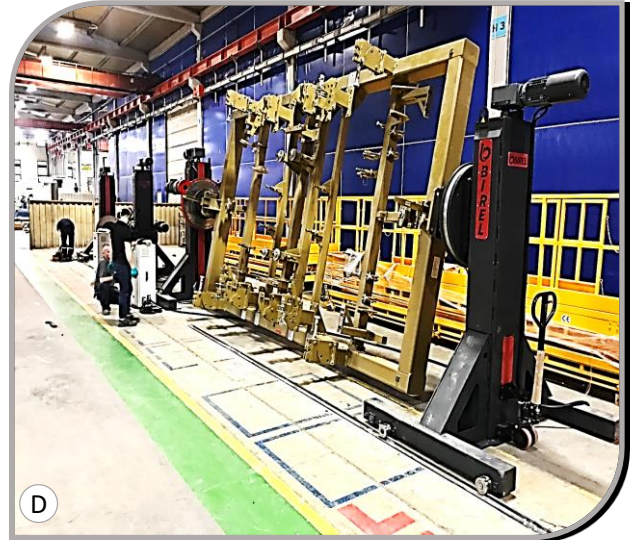
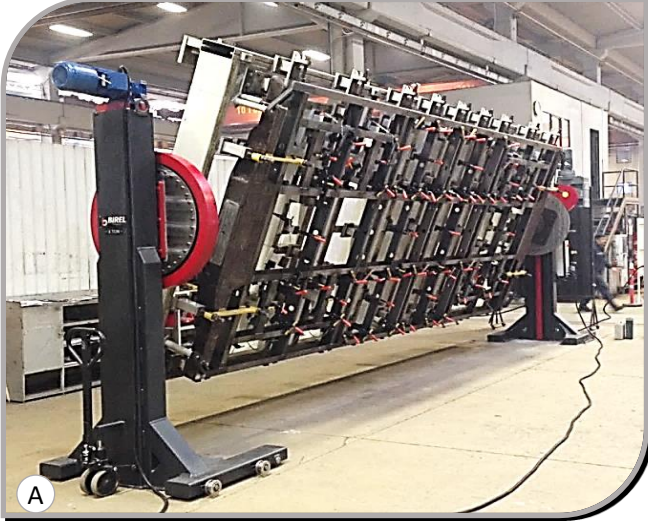
Wireless Remote Control



❖ All technical specifications are subject to change without prior notice.

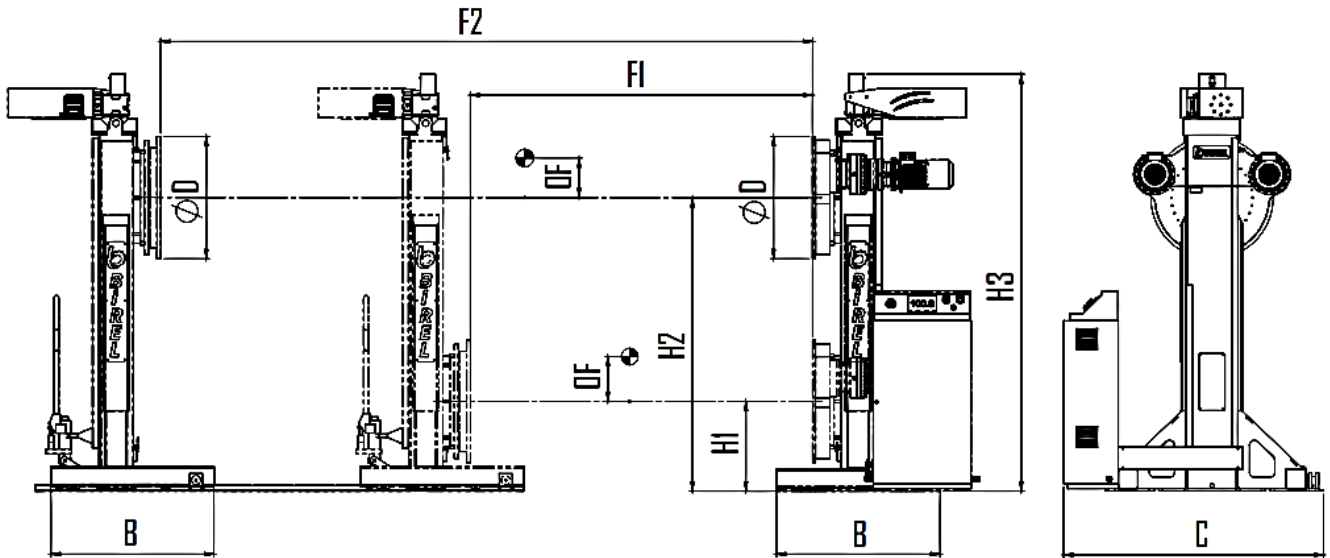
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ILLUSTRATIONS



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TECHNICAL PROPERTIES



Technical Details :

Model No : BEM-G	Symb	Unit	BEM-1,5G	BEM-3G	BEM-5G	BEM-6G	BEM-8G	BEM-10G	BEM-12G
Capacity		kg	1 500	3 000	5 000	6 000	8 000	10 000	12 000
Rotation Speed		rpm	0,2-0,9	0,2-0,9	0,2-0,9	0,2-0,9	0,1-0,68	0,1-0,62	0,1-0,67
Up & Down Speed		mm/min	540	500	500	450	500	450	450
Max.Rotational Torque		Nm	5.000	10.150	17.800	20.550	24.000	30.000	36.000
Up & Down Torque		Nm	200	326	446	490	862	950	950
min-max lifting height		H1-H2	550-1550	550-1550	550-1800	550-1800	550-1800	550-1800	550-2000
Offset Distance	OF	mm	300	300	300	300	300	300	300
Table Plate Diameter	ØD	mm	575	650	750	750	750	850	1.000
Max.Workpiece Diameter		mm	2.800	2.800	3.600	3.600	3.600	3.600	4.000
Height	H3	mm	2.240	2.260	2.560	2.560	2.580	2.580	2.790
Length	B	mm	850	850	1.000	1.000	1.000	1.000	1.000
Width	C	mm	1.530	1.530	1.570	1.570	1.570	1.640	1.680
Motor Power of Table		kW	0,75 x 1	1,5 x 1	1,5 x 2	1,5 x 2	1,5 x 2	1,5 x 2	2,2 x 2
Motor Power of Lifting		kW	0,75 x 2	1,1 x 2	1,5 x 2	1,5 x 2	3 x 2	3 x 2	3 x 2
Rail Type			By Birel						
Rail Stroke	F1 - F2	mm	4000-6000	4000-6000	4000-6000	4000-6000	4000-6000	4000-6000	4000-6000
Weight		kg	1.400	1.570	2.000	2.030	2.220	2.400	2.630

↳ Out of these standard. capacities, Birel Machinery, according to customer weight & Offset (OF) values , can offer at different capacities, sizes.

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