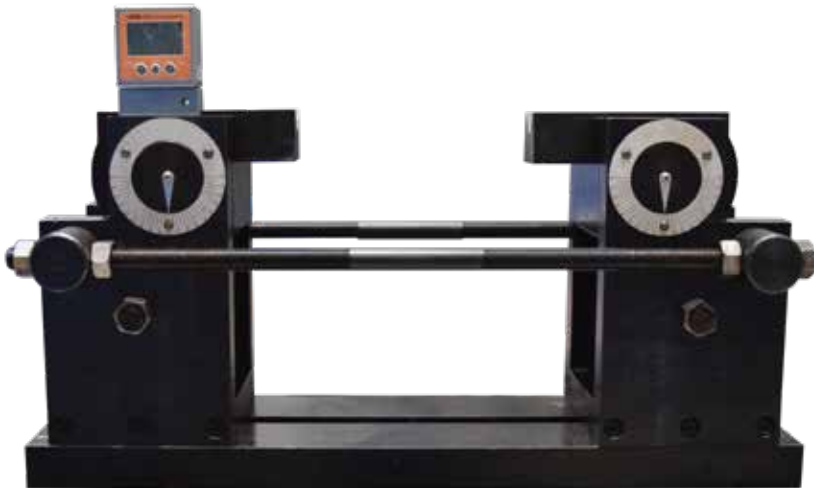


Bend with Specimen



Re-Bend with Specimen

BEND & RE-BEND DEVICE

Standard: BS EN ISO 15630-1, ASTM A615/A615M, MS 146, ISO 6935-2
(GB/T1499.2-2018 Steel for the reinforcement of concrete-Part 2: Ribbed bars)

The device used for bending & re-bending reinforced concrete bar. A bend test are used to determine whether a specific piece of metal will break or fracture under pressure. The bend test are essentially measuring a metal's ductility. Ductility defines how easily a metal can bend without breaking. The higher the ductility of a metal, the more it can bend without breaking.



Technical Specifications :

Model Number	NL 6000 X / BRD
Max. Bending Angle	90° - 110°
Max. Re-bending Angle	25° - 30°
Bending Specimen Size	6 mm to 18 mm Dia.
Rebend Specimen Size	6 mm to 40 mm Dia.
Max. Specimen Length	600 mm
Dimension (mm)	230 X 280 X 560
Approx. Weight	65.3 kg

*1 copy of manual instructions

Unit Consist Of :

Model Number	Parts Description	Qty
NL 6000 X / BRD - P 001	Rebend Plunger Disc.	1no.
NL 6000 X / BRD - P 002	Digital Angle Measurer	1no.



Rebend Plunger Disc



Digital Angle Measurer

Optional Accessories :

Model Number	Parts Description	Qty
NL 6000 X / BRD - A 001	Bonding Holder & Mandrel Set	1set



Mandrel & Holder Combination Chart

Mandrel Diameter	Rebar Ø (mm)			Mandrel Holder
	BS EN ISO 15630-1	ASTM A615/A615M	MS146	
24 mm	6	-	6	6 - 24
28 mm	-	-	7	28 - 40
32 mm	7	9.5	8	
36 mm	-	-	9	
40 mm	8	-	10	
44 mm	-	12.7	-	
48 mm	-	-	12	42 - 72
56 mm	10	15.9	-	
64 mm	12	-	16	
96 mm	14	19.1	-	75 - 128
112 mm	16	22.2	-	
128 mm	18	25.4	-	