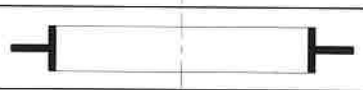
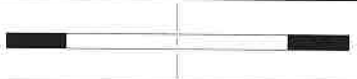
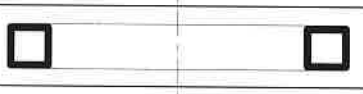
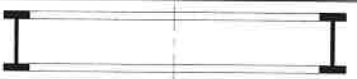
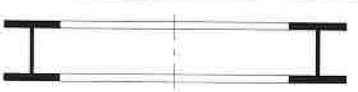
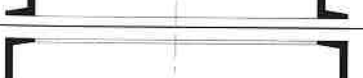
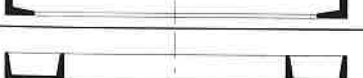
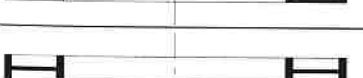
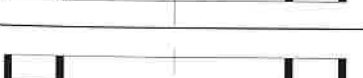
Section Bending Machine

Capacity table

KE_R3S

R-3-S

Section	With standard rolls	With special rolls
	Max. 80x80x10 To Ø1000 ①	Small sections To Ø 180 ②
	Max. 80x80x10 To Ø1000 ①	Small sections To Ø 180 ②
	Max. 80x80x9 To Ø 700 ①	Small sections To Ø 180
	Max. 80x80x9 To Ø1300 ①	Small sections To Ø 200
	Max. 100x100x12 To Ø1000 ①	Small sections To Ø 180
	Max. 75x20 To Ø 600 ① Max. 80x18 To Ø 800 ①	Small sections To Ø 160
	Max. 150x25 To Ø 500 ① Max. 180x20 To Ø 500 ①	Small sections To Ø 160
	Max. 50x50 To Ø 500 ①	Small sections To Ø 160
	Small sections	Max. Ø 60 To Ø 600 Min. no limit To Ø 180
	Special rolls only	Max. O.D. 76 To Ø 700 Min. no limit To Ø 180
	Small sections	Max. 65x65x6 ③
	Small sections	Max. IPE 140 To Ø 600 ④ Min. no limit
	Small sections	Max. section modulus 18-25cm³
	Small sections	Max. UPN 140x60 To Ø 600 ④ Min. no limit
	Small sections	Max. UPN 140x60 To Ø 800 ④ Min. no limit
	Special rolls only	Max. UPN 65x42 To Ø4000
	Special rolls only	Max. IPE 80 To Ø1200
	Special rolls only	Max. section modulus 18-25cm³

All data are valid for mild steel with yield point 270 N/mm²
Max. section modulus : 18-25cm³ depending on bending diameter.
Diameter of standard rolls : 250mm
Diameter of top shaft/lower shafts : 85/85mm
Motor output : 5.1/5.5kW

① Indicated diameters are valid for max. section in one or few passes. Smaller sections can be bent to smaller diameters.
② With special rolls and accessories.
③ Smallest bending diameter depends on grade of deformation that can be accepted.
④ Machine with extended shafts allows wider sections than specified.