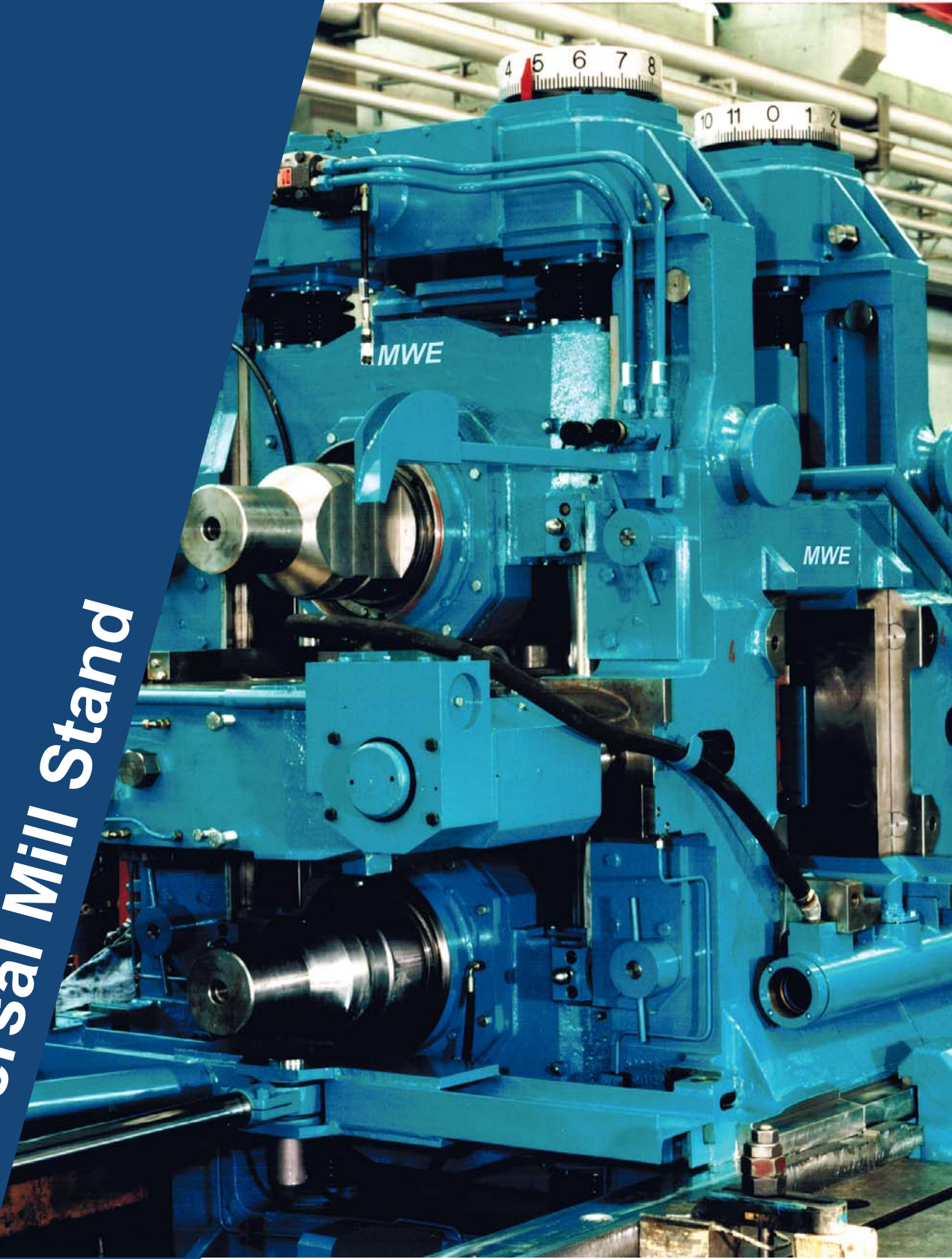


Universal Mill Stand



Design
Supply
Service



Universal Mill Stand

Nominal size				490	600	670	760
Roll centre distance	vertical direction	max.	mm	700	900	1,100	1,300
		min.	mm	420	480	520	660
Roll centre distance	horizontal direction	max.	mm	500	800	1,030	1,550
		min.	mm	330	600	670	1,250
Rolling force (dynamic load) symmetrically	vertical direction		kN	4,000	7,600	10,400	13,800
Rolling force (dynamic load)	horizontal direction		kN	900	1,800	3,000	4,500
Roll neck diameter	vertical/horizontal rolls		mm	125/280	175/330	255/370	260/410
Axial roll adjustment			mm	± 2.5	± 2.5	± 5.0	± 6.0
Rolling torque		max.	kNm	500	900	1,300	1,700
Roll diameter (horizontal rolls)	Universal mode	max./min.	mm	639/560	850/750	1,050/860	1,300/1,150
	Two high mode	max./min.	mm	540/420	670/540	1,050/520	1,300/660
Roll diameter (vertical rolls)		max.	mm	350	550	660	900
		min.	mm	300	500	600	800
Vertical adjustment of horizontal roll units			mm	± 2.0	± 2.0	± 3.0	± 3.0
Roll body length	horizontal rolls	Universal	mm	80 - 210	200 - 300	300 - 400	250 - 650
		Two high	mm	710	1,120	1,200	1,250
Roll body length	vertical rolls	Universal	mm	160	220	320	340
							(400)
Speed		max.	1/min	200	120	100	90
Rigidity	Rolls	vertical	kN/mm	400	720	815	960
		horizontal		2,000	2,400	2,750	3,000



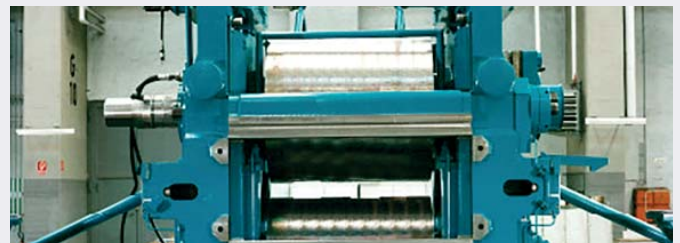
Universal mill stand in roll changing device



Universal mill stand in roll changing device, vertical and horizontal rolls disassembled



Universal mill stand in roll changing device, vertical rolls disassembled



Universal mill stand in two high mode assembly