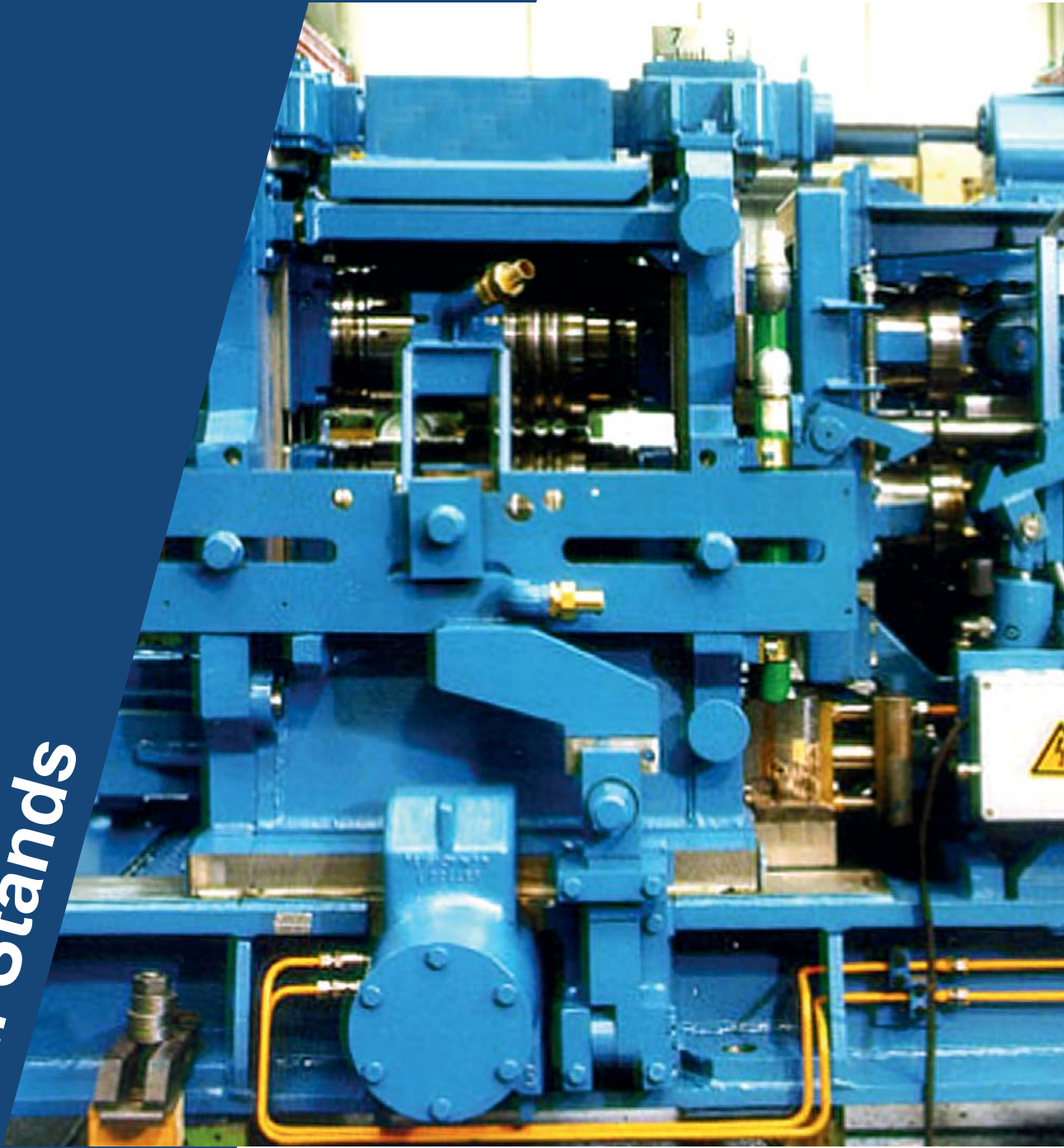


Mill Stands



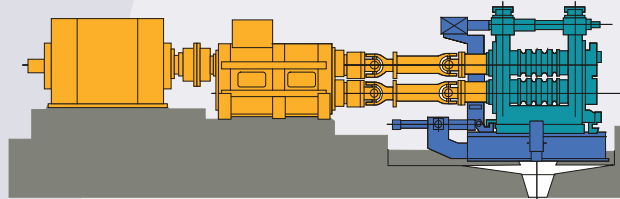
**Design
Supply
Service**



Stand Mounting Variants

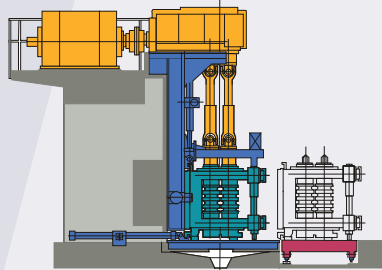
Horizontal mill stands

- Multigroove rolls
- Grooves changed by shifting the stand
- Stands changed by shop crane



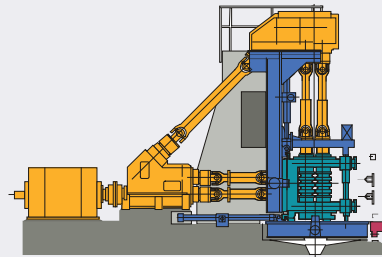
Vertical mill stands

- Top-driven rolls
- Multigroove rolls
- Stands changed on stand changing rig
- Use of concrete supports



Horizontal / vertical mill stands

- Multigroove rolls
- Grooves changed by shifting the stand
- Stands changed on stand changing rig
- Use of concrete supports



Size			280	340	390	440	490	540	600	670	760	850	1050
Roll centre distance	max.	mm	380	435	480	545	600	660	735	860	950	1,200	1,400
	min.	mm	230	295	335	365	420	460	540	585	660	800	950
Admissible load on the roll neck		kN	400	800	1,050	1,300	1,600	2,000	2,300	3,000	4,500	6,750	10,000
Roll neck diameter		mm	150	200	220	250	280	300	330	370	440	510	650
Axial roll adjustment		mm	±2.5	±2.5	±3.0	±3.0	±3.5	±3.5	±3.5	±3.5	±5.0	±5.0	±5.0
							none	none	none	none	none	none	none
Rolling torque	max.	kNm	28	50	100	140	200	280	380	520	1,000	1,120	1,400
Universal spindle torque	max.	kNm	20	35	70	95	140	190	250	350	670	800	1,000
Roll body length		mm	400	500	630	710	800	800	900	1,000	1,120	1,400	1,600
		mm		630	710	800	900	900	1,000	1,120	1,250	1,800	2,000
		mm			800	900	1,000	1,000	1,120	1,250	1,400	2,400	2,600
Roll diameter	max.	mm	340	390	440	490	540	600	670	760	850	1,050	1,200
	min.	mm	230	295	335	365	420	460	510	565	660	760	920
Speed	max.	1/min	2,500	1,600	1,100	800	450	300	180	100	80	60	60
Rigidity	radial	kN/mm	1,100	1,400	1,800	2,000	2,200	2,500	2,800	3,000	3,200	3,600	4,000
	axial	kN/mm											