

Profile-dependent working range KBS

POWERFUL SOLUTIONS –
PASSIONATE PEOPLE



KALTENBACH

PERMITTED MATERIAL RANGE

The table below only includes the comparison of the machine working range with the international norms of the steel Profiles. International norms are the common European, Russian and American standards for steel Profiles. Further Profiles (e.g. welded beams) can also be machined.

Machine		KBS								
Working range		400	620	750	1010	761	1051	1351	1301	2101
Width	min	10	10	10	45	30	30	50	50	80
	max	400	620	750	1010	750	1030	1330	1300	2100
Height	min	10	10	10	10	10	10	10	15	15
	max	350	350	500	500	500	500	600	700	800

H/I-Profile										
Width	min	80	80	80	80	80	80	80	80	80
	max	400	620	750	1000	750	1000	1300	1300	2100
Height	min	42	42	42	42	42	42	42	42	42
	max	350	350	500	500	500	500	600	700	800

U-Profile										
Width	min	30	30	30	30	30	30	30	30	30
	max	400	620	750	1000	750	1000	1300	1300	2100
Height	min	15	15	15	15	15	15	15	15	15
	max	350	350	500	500	500	500	600	700	800

Angle-Profile										
Width	min	20	20	20	20	20	20	20	20	20
	max	350	350	350	350	350	350	350	350	350
Height	min	20	20	20	20	20	20	20	20	20
	max	350	350	350	350	350	350	350	350	350



Flat-Profile										
Width	min	10	10	10	45	30	30	50	50	80
	max	400	620	750	1000	750	1000	1300	1300	2100
Height	min	10	10	10	10	10	10	10	15	15
	max	350	350	500	500	500	500	600	700	800

Square-Tubes										
Width	min	15	15	15	45	30	30	50	50	80
	max	400	400	400	400	400	400	400	400	400
Height	min	15	15	15	45	30	30	50	50	80
	max	350	350	400	400	400	400	400	400	400

Rectangular-Tubes										
Width	min	15	15	15	45	30	30	50	50	80
	max	400	620	750	1000	750	1000	1300	1300	2100
Height	min	15	15	15	15	15	15	15	15	15
	max	350	350	500	500	500	500	500	500	500

Color Code

- **Yellow - Norm restriction:** According to common norms, there is no material that is larger (or smaller). Therefore, the maximum (or minimum) of the width or height results from an international norm.
- **Blue - Machine restriction:** According to common norms, there is material that is larger (or smaller). Therefore, the maximum (or minimum) of the width or height results from the working range of the machine.