



Technical Information

According to Federal Road Traffic Regulations (Straßenverkehrsordnung - StVO) a permit is generally required in Germany for mobile work machines with a road driving weight of more than 10 t axle load. This applies to all mobile cranes, i.e. telescopic cranes and mobile construction cranes. Trucks with loader crane rarely exceed the axle loads of 10 t and are therefore only affected in individual cases.

The following values (max. support force) are approximate maximum values and non-binding guide values, independent of individual crane types and load cases. The values in specific cases must be calculated individually according to the planned crane type, crane configuration, and existing load case.

Crawler cranes have a corresponding surface pressure per square meter (m²) depending on the support surface of the crawlers which can be calculated according to requirements, crane configuration, and load case.

We reserve the right to charge for the service depending on the work involved.
If you have any questions, please get in touch with your contact person at Schmidbauer.

Crane Type*		Number of Axles	max. Dimensions Support Base (length x width in m)	max. Support Force (t)
TC	up to 40 t	2	6,45 x 6,00	38
TC	up to 60 t	3	7,36 x 6,40	63
TC	up to 80 t	4	8,59 x 7,20	62
TC	up to 100 t	4/5	8,54 x 7,64	79
TC	up to 130 t	5	8,07 x 7,50	84
TC	up to 160 t	5	9,20 x 8,31	98
TC	up to 200 t	5	9,05 x 8,30	115
TC	up to 230 t	5	9,35 x 8,4	130
TC	up to 250 t	5/6	9,33 x 8,50	130
TC	up to 300 t	6	8,70 x 8,50	135
TC	up to 400 t	6	8,93 x 8,53	140
TC	up to 450 t	8	10,41 x 9,60	203
TC	up to 650 t	8	10,57 x 9,58	243
LC	up to 35 mt	3/4	7,40	14
LC	up to 45 mt	4	7,80	16
LC	up to 65 mt	4	8,60	18
LC	up to 85 mt	4	8,61	25
LC	up to 125 mt	4	10,00	31
LC	up to 150 mt	4/5	10,40	39
MCC	MK63-3.1	3	7,14 x 6,90	38
MCC	MK88-4.1/SK597-AT4/SK498-AT4	4	7,30 x 7,00	38
MCC	MK100/110-5.1	5	8,25 x 8,20	41
MCC	MK140-5.1	5	8,25 x 8,20	49
Minicrane	5 - 8 t	-	upon request	upon request
CC	110 t - 1350 t	-	upon request	upon request

*telescopic crane (TC), mobile construction crane (MCC), truck with loader crane (LC), crawler crane (CC)

Further technical data can be found at www.schmidbauer-group.com. All information is based on information provided by the manufacturer, without guarantee of accuracy and subject to change.