
GM 55B - GM 75B

Multi-tine grabs

LIEBHERR

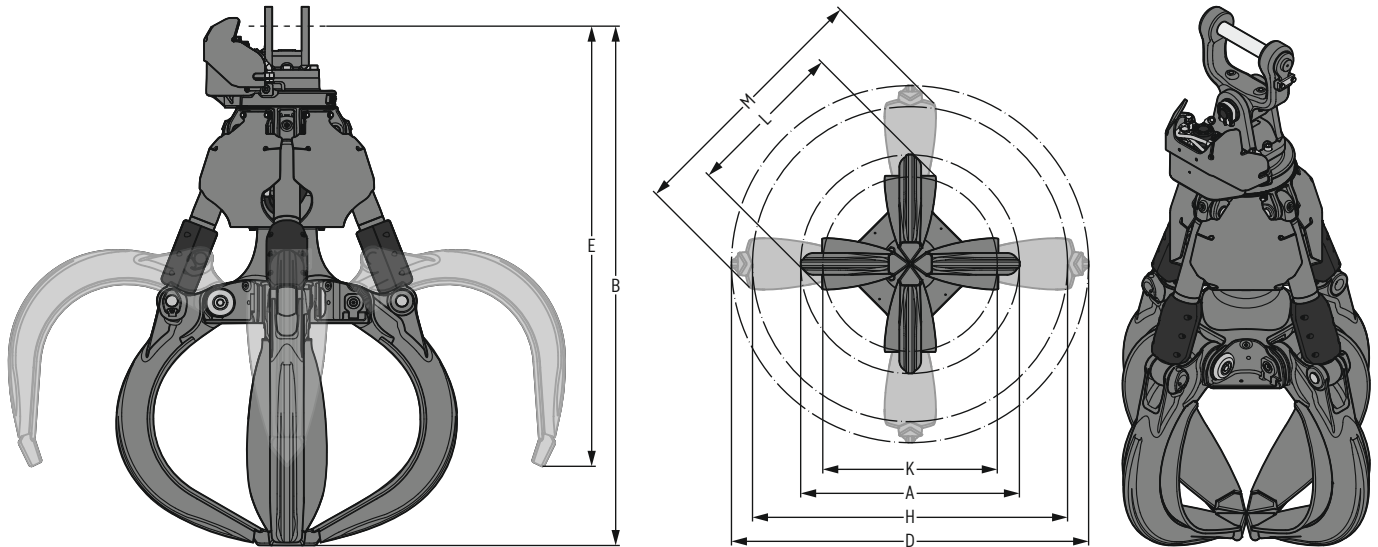
Attachments

Capacity
0.40-3.50 m³

Four-tine grab GMM 35-4

Open tines

Previous grab GM 64



Machine range

Liebherr machines

Material handling machine

| LH 22 - LH 35

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 20-35 t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.60m ³	cast steel	1,408mm	2,046mm	1,102mm	1,027mm	2,297mm	1,719mm	2,027mm	1,675mm	1,200 kg	1,260 kg	1,285 kg

¹⁾ dimensions with HD bearing fork

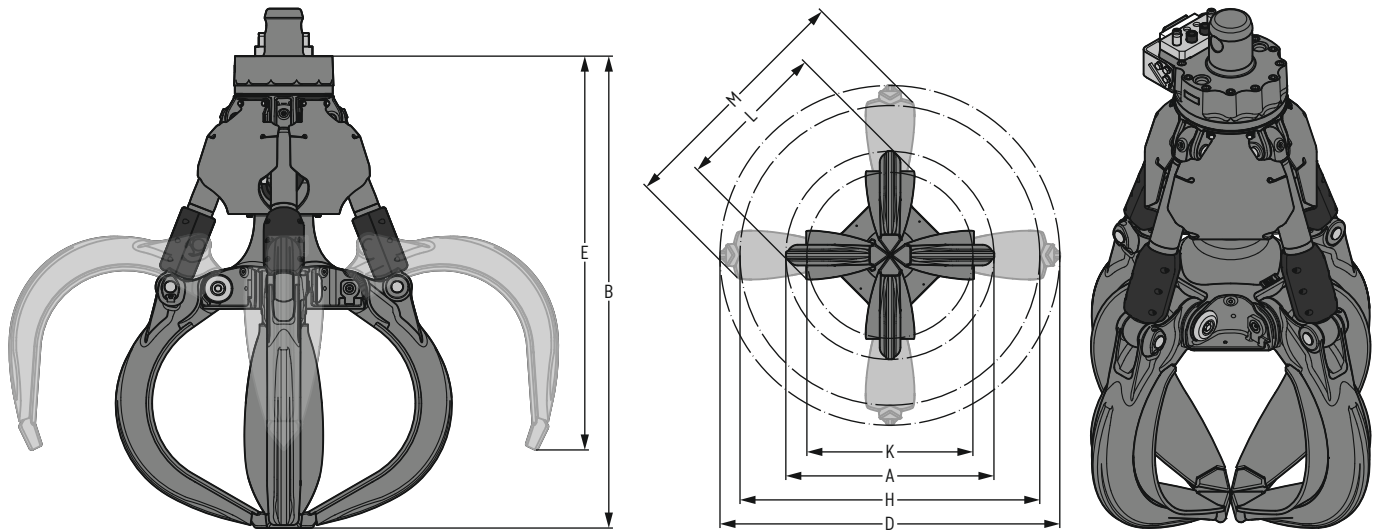
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		2 motors 125 cm ³ 2.45 kNm	Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.		2 motors 200 cm ³ 3.84 kNm	
20t	38MPa	250l/min.	15MPa	30l/min.			

Four-tine grab GMM 35-4

Open tines, mounting MH 40¹⁾
 Previous grab GM 64



Machine range

Liebherr machines
 Material handling machine | LH 22 - LH 35

Other machine makes
 Weight class | approx. 20-35 t
 (see operating manual for exact specification)

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension
		A	B	K	L	D	E	H	M	
0.60 m ³	cast steel	1,408 mm	1,979 mm	1,102 mm	1,027 mm	2,297 mm	1,652 mm	2,031 mm	1,675 mm	1,195 kg

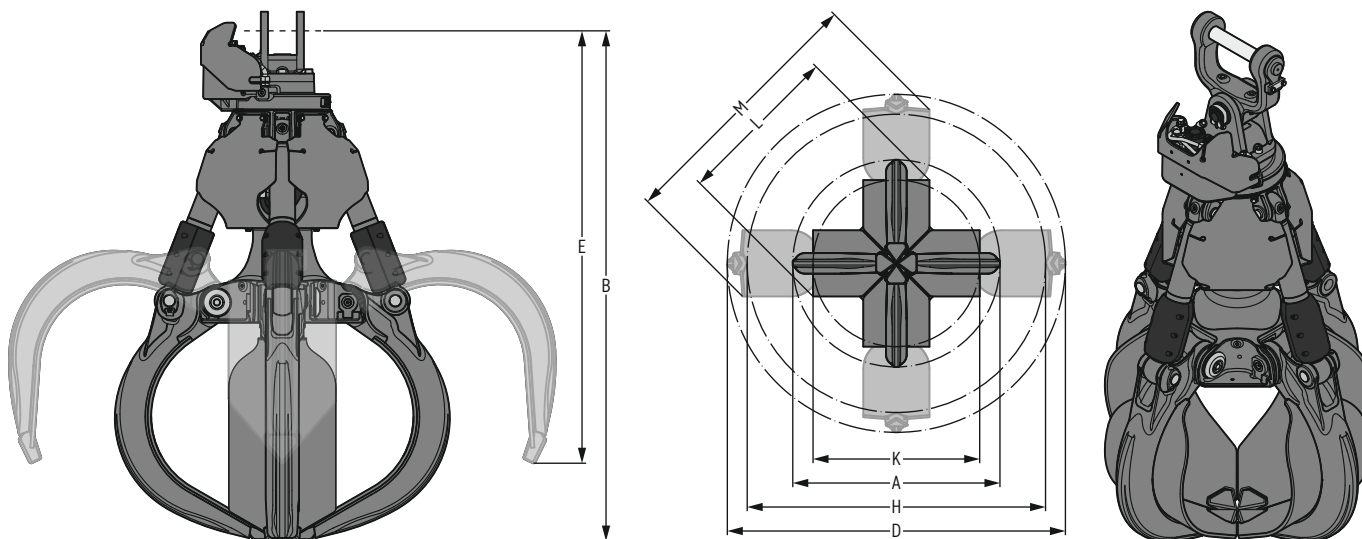
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Four-tine grab GMM 35-4

Semi-closed tines
Previous grab GM 64



Machine range

Liebherr machines

Material handling machine

| LH 22 - LH 35

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 20-35 t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.60m ³	cast steel	1,408mm	2,046mm	1,102mm	1,118mm	2,297mm	1,719mm	2,031mm	1,796mm	1,265 kg	1,325 kg	1,350 kg

¹⁾ dimensions with HD bearing fork

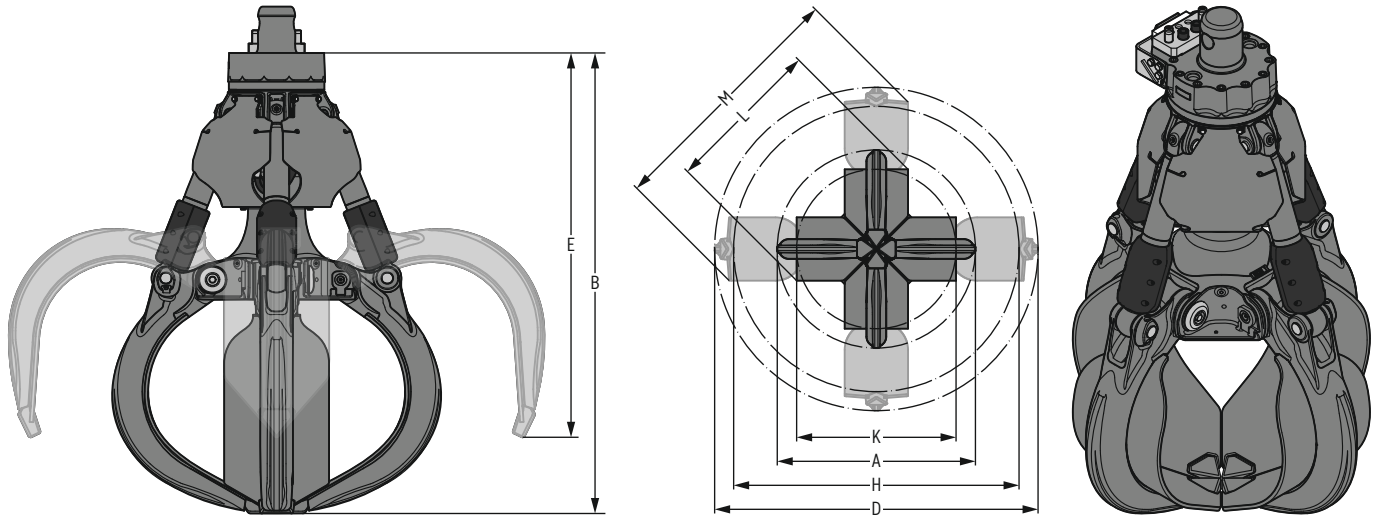
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors	2 motors
20t	38MPa	250l/min.	15MPa	30l/min.	2,45 kNm	3,84 kNm

Four-tine grab GMM 35-4

Semi-closed tines, mounting MH 40¹⁾
 Previous grab GM 64



Machine range

Liebherr machines
 Material handling machine | LH 22 - LH 35

Other machine makes
 Weight class | approx. 20-35 t
 (see operating manual for exact specification)

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open					Weight with MH 40 suspension
		A	B	K	L	D	E	H	M		
0.60 m ³	cast steel	1,408 mm	1,979 mm	1,102 mm	1,118 mm	2,297 mm	1,652 mm	2,031 mm	1,796 mm	1,260 kg	

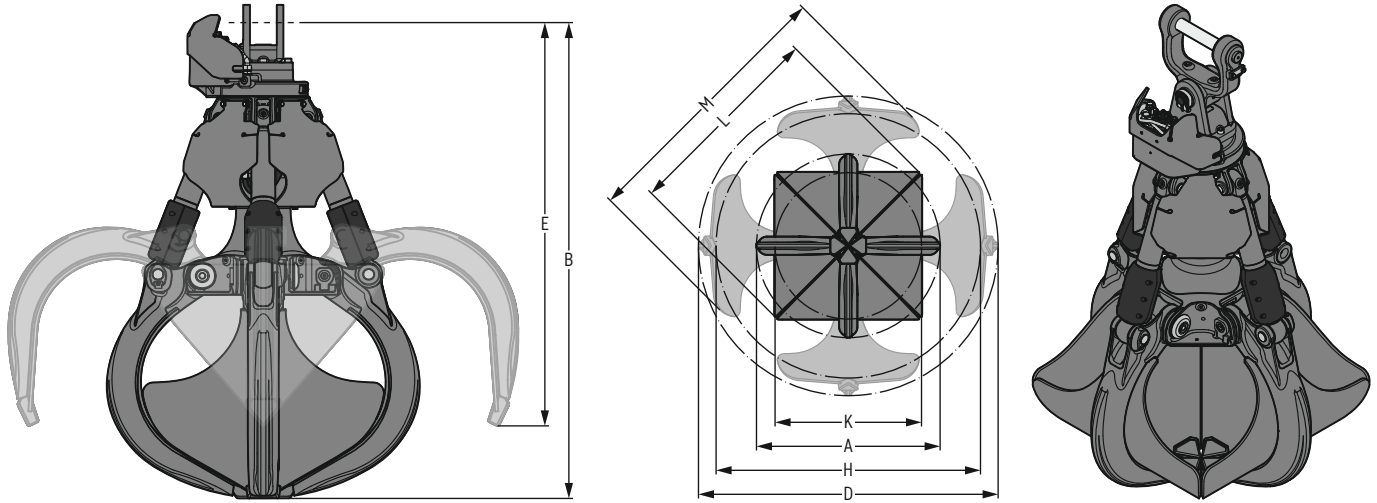
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Four-tine grab GMM 35-4

Closed tines, heart-shaped
Previous grab GM 64



Machine range

Liebherr machines

Material handling machine

| LH 22 - LH 35

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 20-35 t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.60m ³	cast steel	1,408mm	2,046mm	1,102mm	1,565mm	2,297mm	1,719mm	2,031mm	2,088mm	1,360 kg	1,420 kg	1,445 kg

¹⁾ dimensions with HD bearing fork

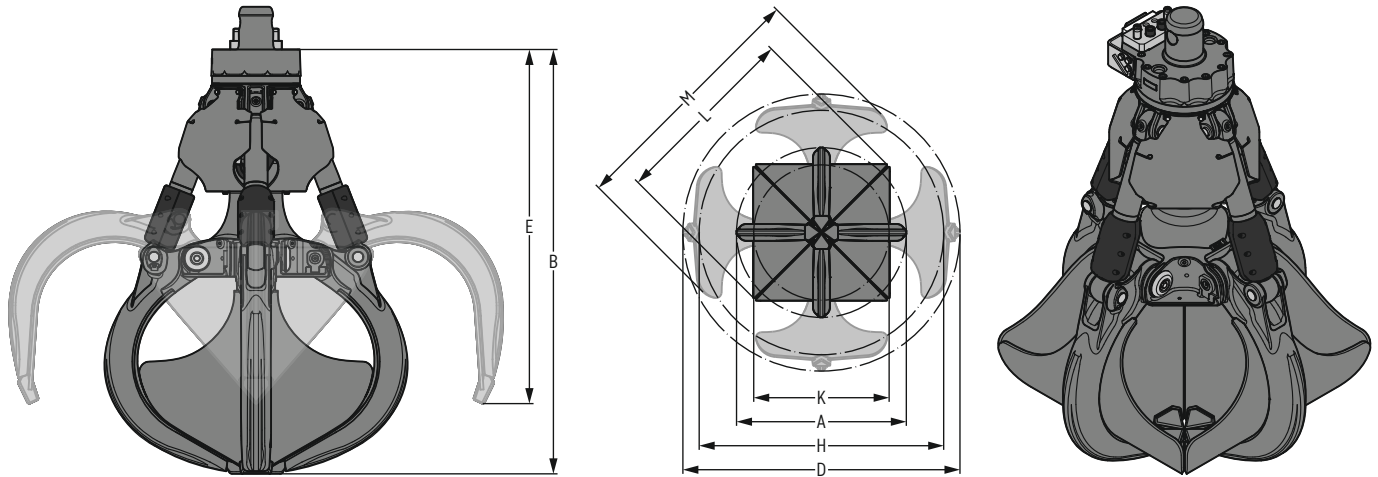
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors	2 motors
20t	38MPa	250l/min.	15MPa	30l/min.	2.45 kNm	3.84 kNm

Four-tine grab GMM 35-4

Closed tines, heart-shaped, mounting MH 40¹⁾
 Previous grab GM 64



Machine range

Liebherr machines
 Material handling machine | LH 22 - LH 35

Other machine makes
 Weight class | approx. 20-35 t
 (see operating manual for exact specification)

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension
		A	B	K	L	D	E	H	M	
0.60 m ³	cast steel	1,408 mm	1,979 mm	1,102 mm	1,565 mm	2,297 mm	1,652 mm	2,031 mm	2,088 mm	1,360 kg

Technical data

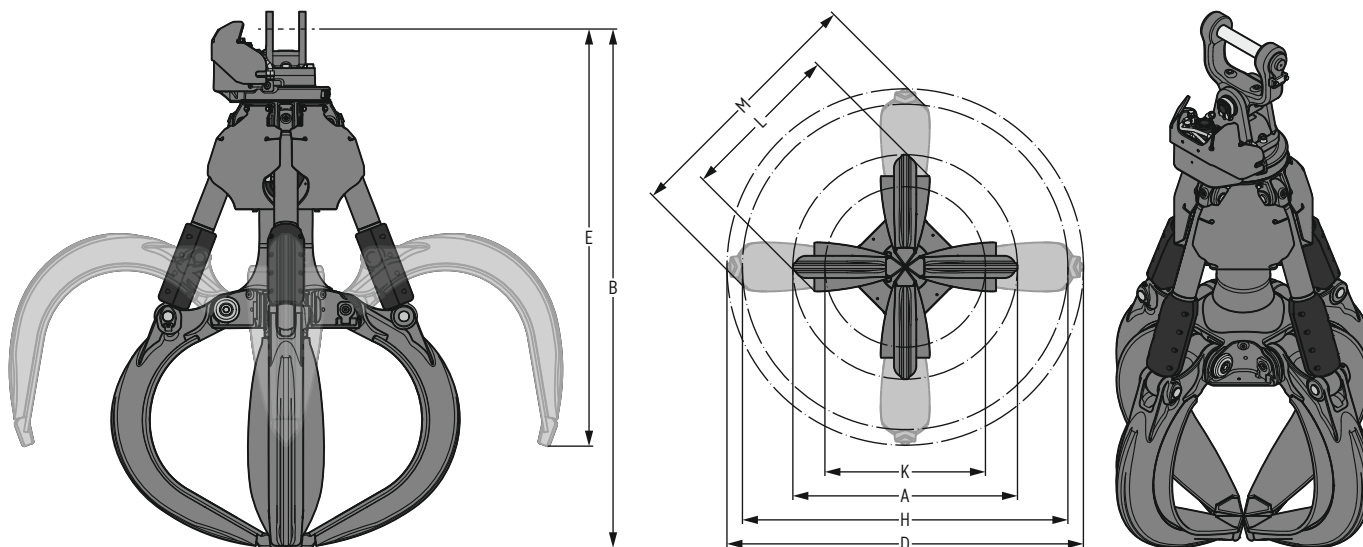
Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Four-tine grab GMM 50-4

Open tines

Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

| LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 35-55 t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.70	fabricated steel	1,546	2,265	1,234	1,224	2,265	1,880	2,090	1,725	1,310	1,410
0.90	cast steel	1,601	2,388	1,257	1,158	2,545	1,921	2,323	1,857	1,425	1,525
1.10	fabricated steel	1,714	2,429	1,388	1,342	2,576	1,935	2,398	1,947	1,435	1,535

¹⁾ dimensions with XHD bearing fork

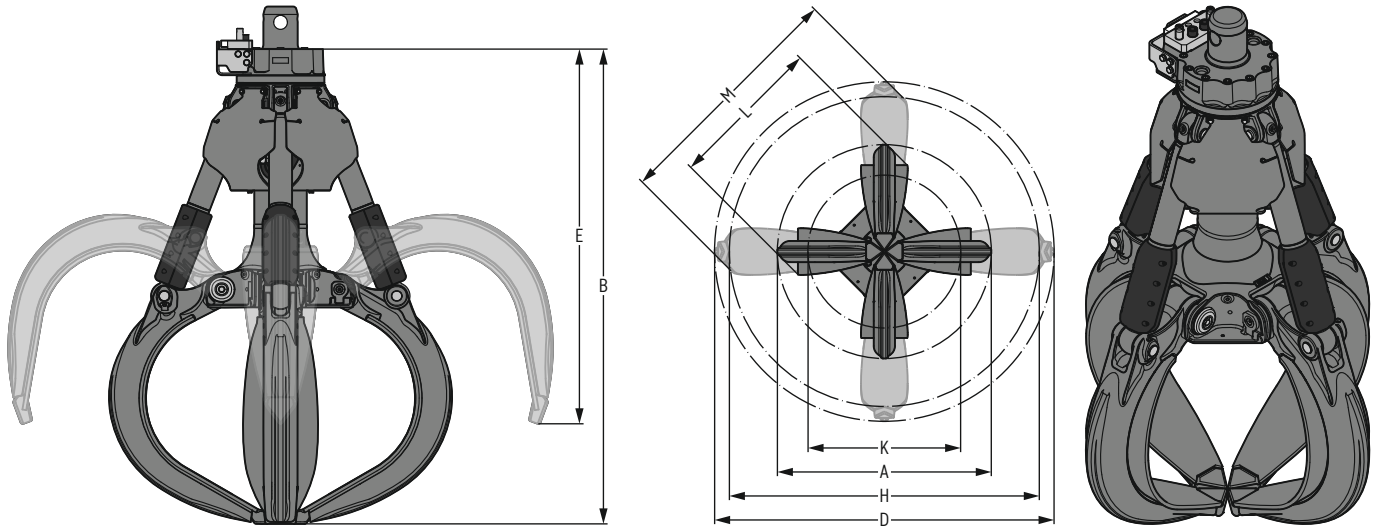
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		2 motors 125 cm ³ 2.45 kNm	Torque 2 motors 200 cm ³ 3.84 kNm
	Pressure max.	Flow max.	Pressure max.	Flow max.		
20 t	38 MPa	250 l/min.	15 MPa	30 l/min.		

Four-tine grab GMM 50-4

Open tines, mounting MH 40¹⁾
 Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,546	2,096	1,234	1,224	2,265	1,711	2,090	1,725	1,280
0.90	cast steel	1,601	2,219	1,257	1,158	2,545	1,752	2,323	1,857	1,395
1.10	fabricated steel	1,714	2,260	1,388	1,342	2,576	1,766	2,398	1,947	1,405

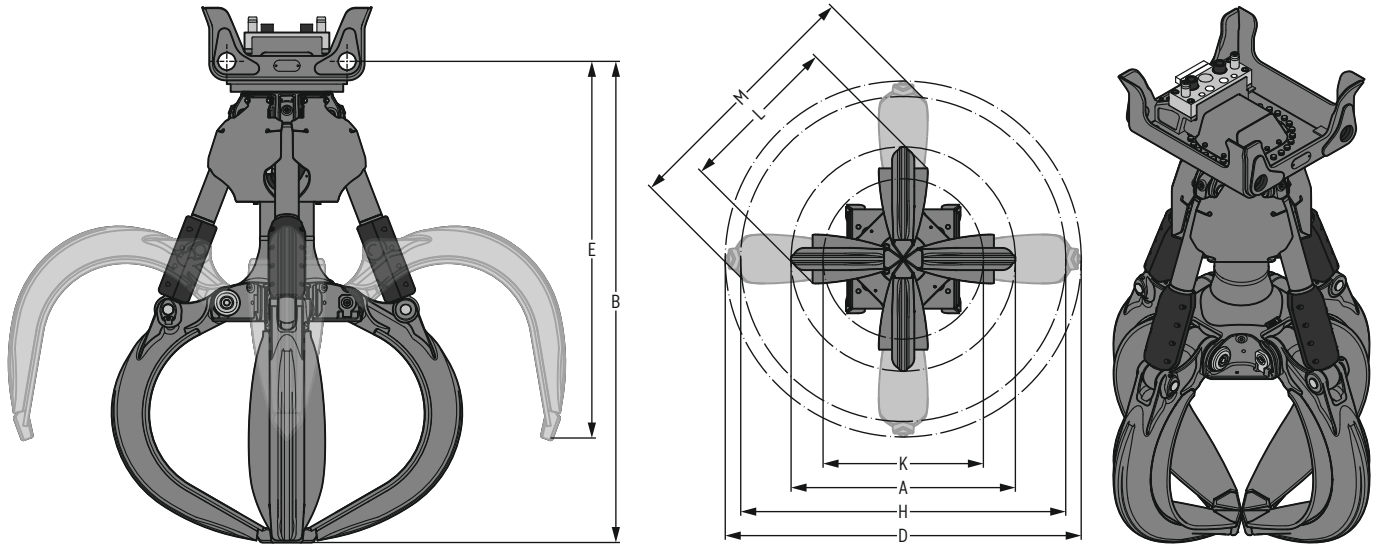
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Four-tine grab GMM 50-4

Open tines, mounting MH 110¹⁾
 Previous grab GM 69



Machine range

Liebherr machines
 Material handling machine | LH 40 - LH 50 High Rise

Other machine makes
 Weight class | approx. 35-55 t
 (see operating manual for exact specification)

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,546	2,077	1,234	1,224	2,265	1,692	2,090	1,725	1,430
0.90	cast steel	1,601	2,200	1,257	1,158	2,545	1,733	2,323	1,857	1,545
1.10	fabricated steel	1,714	2,241	1,388	1,342	2,576	1,747	2,398	1,947	1,555

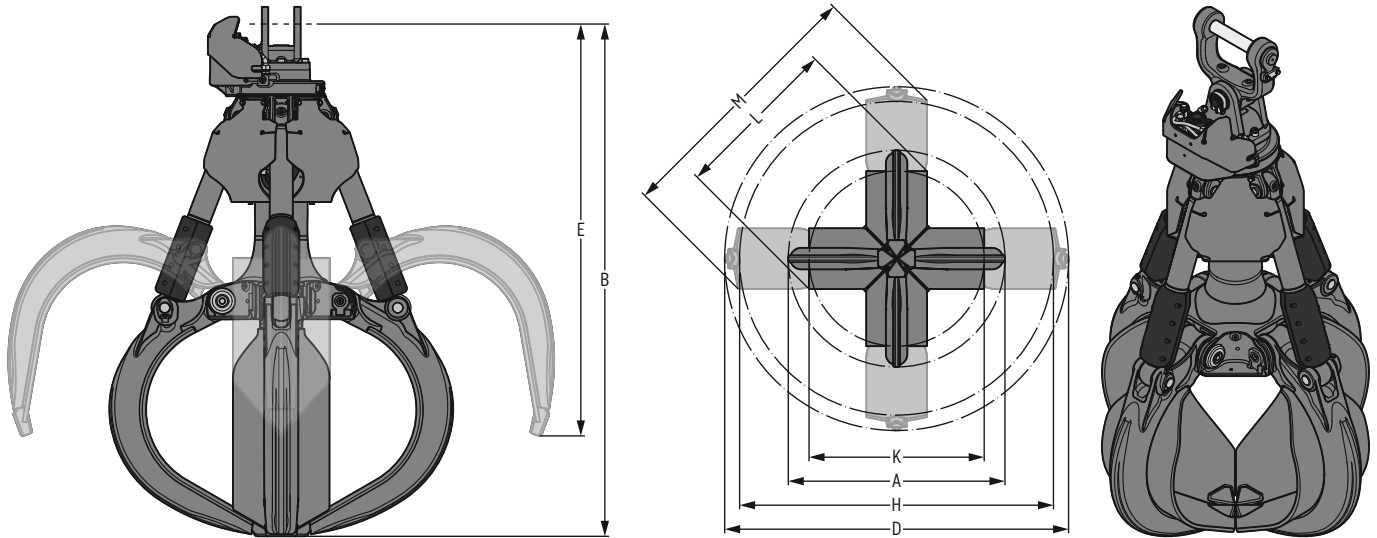
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 110 versions

Four-tine grab GMM 50-4

Semi-closed tines
Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.70	fabricated steel	1,546	2,265	1,234	1,224	2,265	1,880	2,090	1,807	1,380	1,480
0.90	cast steel	1,601	2,388	1,257	1,233	2,545	1,921	2,323	1,975	1,505	1,605
1.10	fabricated steel	1,714	2,429	1,388	1,403	2,576	1,935	2,398	2,091	1,535	1,635

¹⁾ dimensions with XHD bearing fork

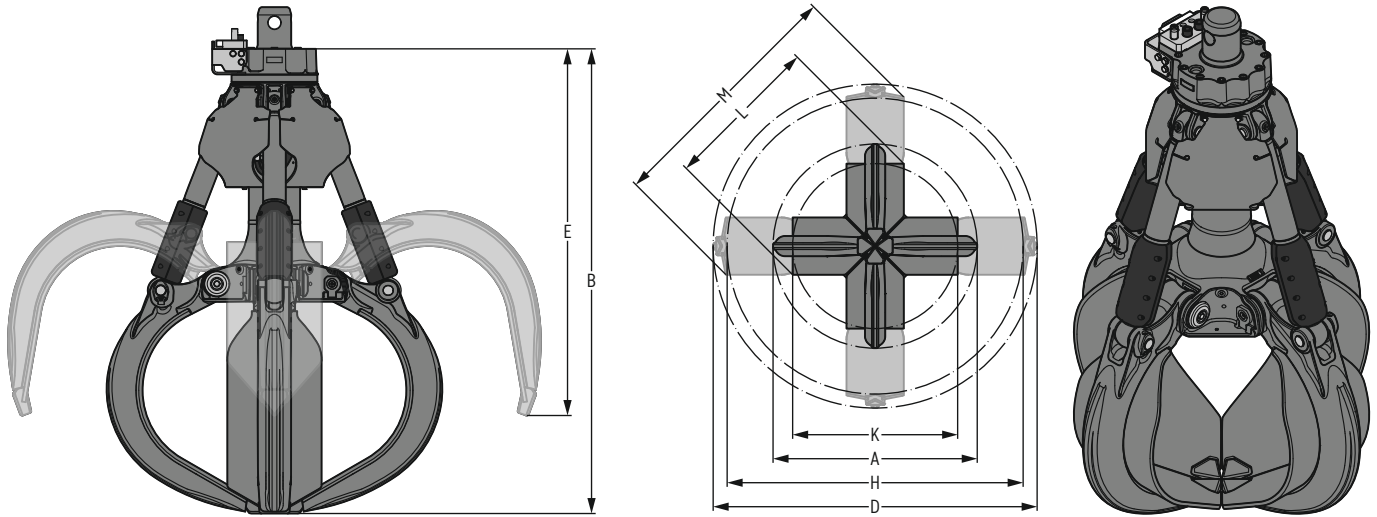
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		2 motors 125 cm ³ 2.45 kNm	Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.		2 motors 200 cm ³ 3.84 kNm	
20 t	38 MPa	250 l/min.	15 MPa	30 l/min.			

Four-tine grab GMM 50-4

Semi-closed tines, mounting MH 40¹⁾
 Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,546	2,096	1,234	1,224	2,265	1,711	2,090	1,807	1,350
0.90	cast steel	1,601	2,219	1,257	1,233	2,545	1,752	2,323	1,975	1,475
1.10	fabricated steel	1,714	2,260	1,388	1,403	2,576	1,766	2,398	2,091	1,500

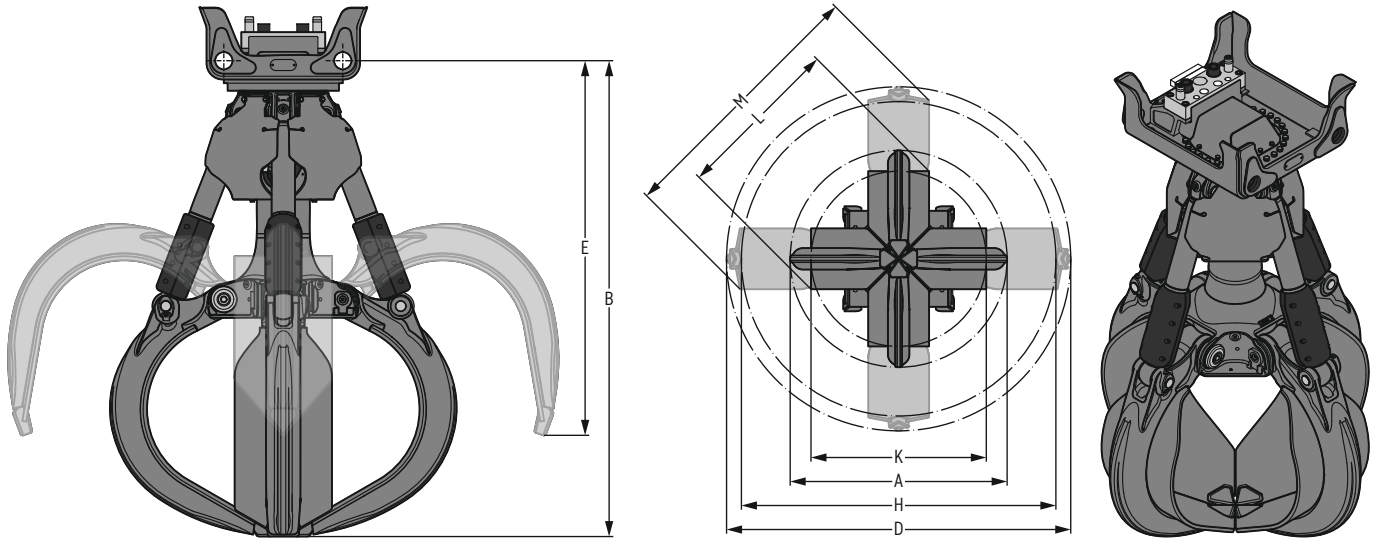
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20t	38 MPa		250l/min.

¹⁾ for all MH 40 versions

Four-tine grab GMM 50-4

Semi-closed tines, mounting MH 110¹⁾
Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,546	2,077	1,234	1,224	2,265	1,692	2,090	1,807	1,500
0.90	cast steel	1,601	2,200	1,257	1,233	2,545	1,733	2,323	1,975	1,625
1.10	fabricated steel	1,714	2,241	1,388	1,403	2,576	1,747	2,398	2,091	1,655

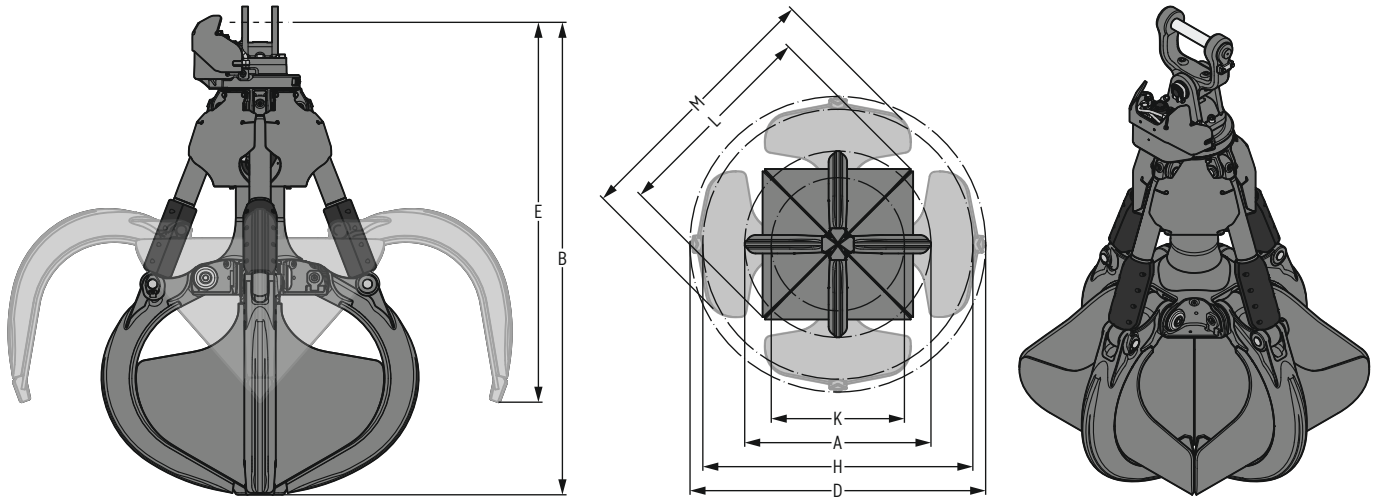
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 110 versions

Four-tine grab GMM 50-4

Closed tines, heart-shaped
Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

| LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 35-55 t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.70	fabricated steel	1,546	2,265	1,234	1,768	2,265	1,880	2,090	2,149	1,550	1,650
0.90	cast steel	1,601	2,388	1,257	1,801	2,545	1,921	2,323	2,302	1,685	1,785
1.10	fabricated steel	1,714	2,429	1,388	1,986	2,576	1,935	2,398	2,433	1,710	1,810

¹⁾ dimensions with XHD bearing fork

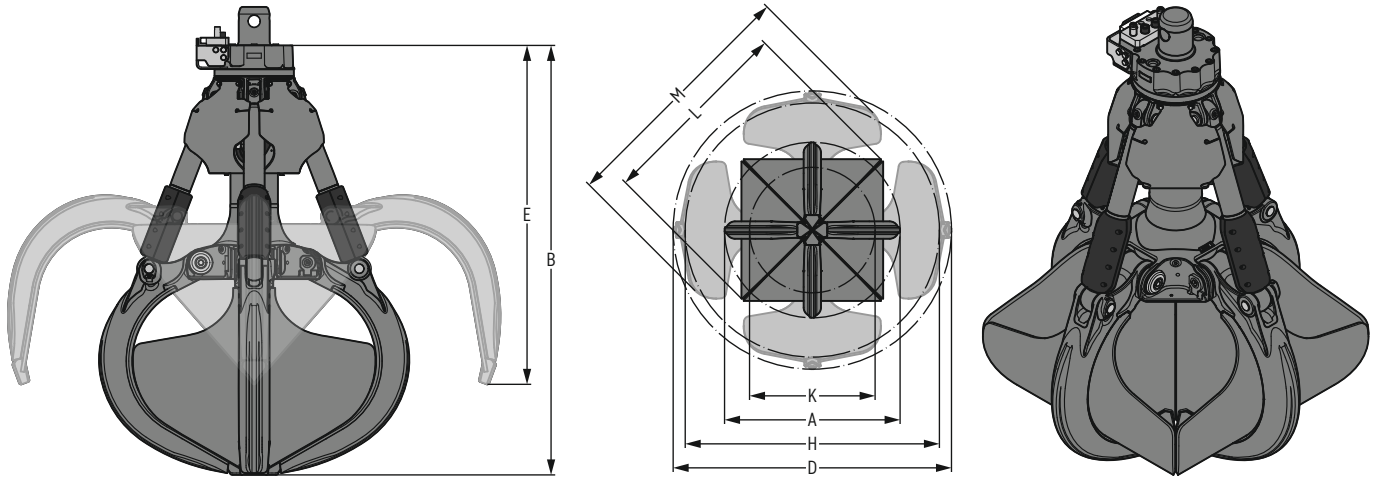
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors 125 cm ³	2 motors 200 cm ³
20 t	38 MPa	250 l/min.	15 MPa	30 l/min.	2.45 kNm	3.84 kNm

Four-tine grab GMM 50-4

Closed tines, heart-shaped, mounting MH 40¹⁾
 Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,546	2,096	1,234	1,768	2,265	1,711	2,090	2,149	1,515
0.90	cast steel	1,601	2,219	1,257	1,801	2,545	1,752	2,323	2,302	1,655
1.10	fabricated steel	1,714	2,260	1,388	1,986	2,576	1,766	2,398	2,433	1,680

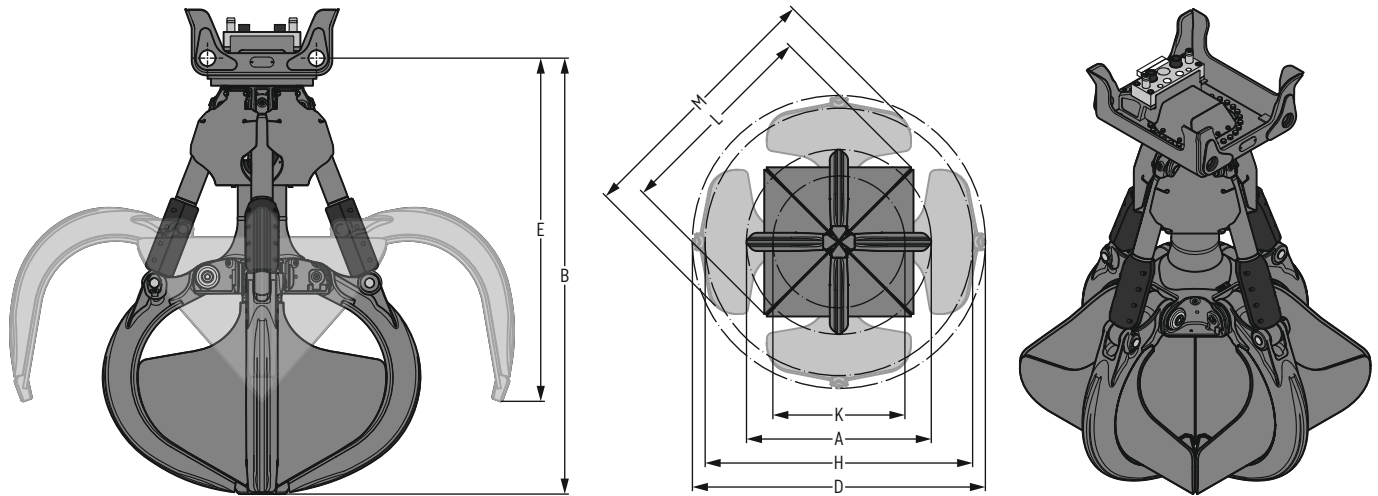
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Four-tine grab GMM 50-4

Closed tines, heart-shaped, mounting MH 110¹⁾
 Previous grab GM 69



Machine range

Liebherr machines

Material handling machine

| LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 35-55t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,546	2,077	1,234	1,768	2,265	1,692	2,090	2,149	1,670
0.90	cast steel	1,601	2,200	1,257	1,801	2,545	1,733	2,323	2,302	1,805
1.10	fabricated steel	1,714	2,241	1,388	1,986	2,576	1,747	2,398	2,433	1,830

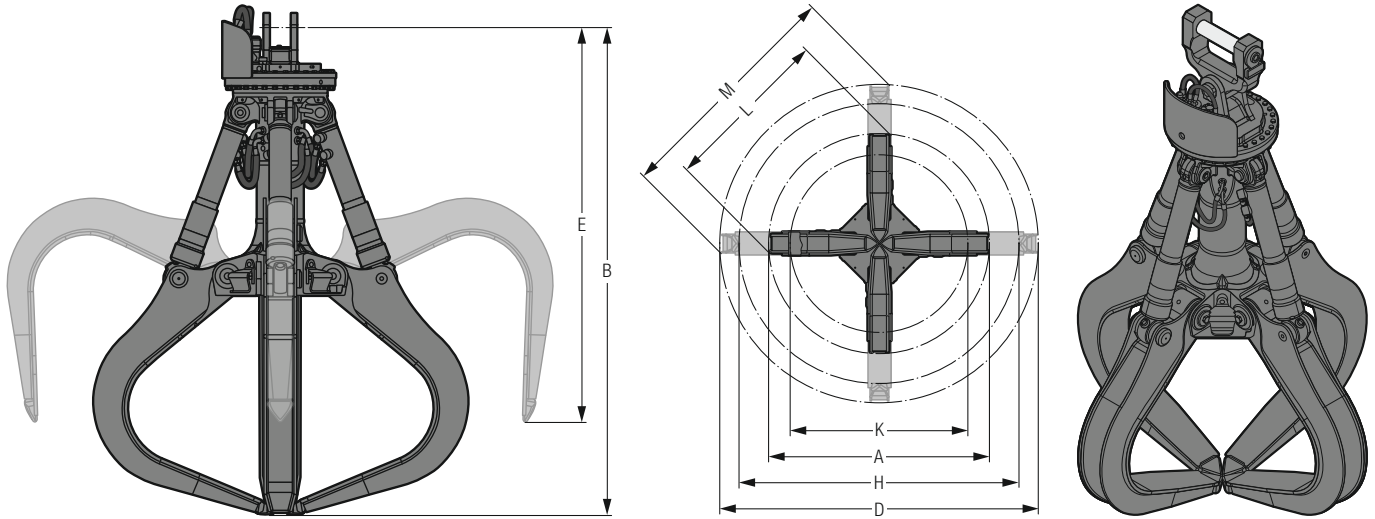
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20t	38 MPa		250l/min.

¹⁾ for all MH 110 versions

Four-tine grab GMM 80-4

Open tines



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.10	fabricated steel	1,793	2,540	1,383	1,388	2,713	2,111	2,421	2,042	1,770	1,900
1.40	fabricated steel	1,909	2,612	1,528	1,471	2,863	2,140	2,552	2,148	1,810	1,940
1.70	fabricated steel	2,063	2,672	1,690	1,586	2,997	2,165	2,662	2,246	1,870	2,000

¹⁾ dimensions with XHD bearing fork

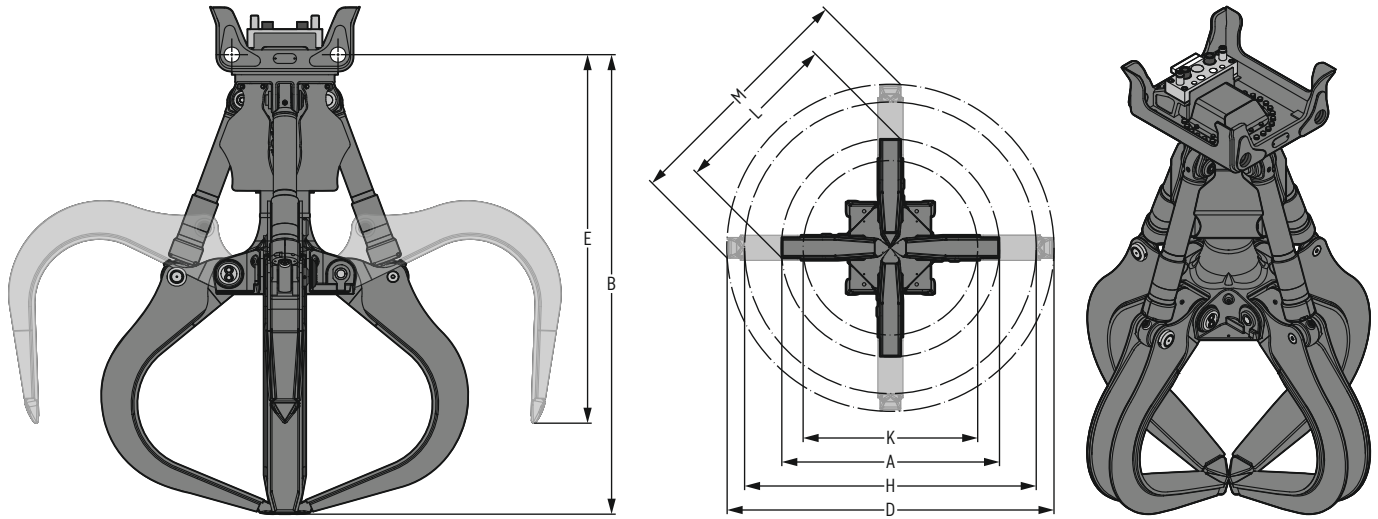
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 2 motors 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Four-tine grab GMM 80-4

Open tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

| LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 45-100t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.10	fabricated steel	1,793	2,308	1,383	1,388	2,713	1,879	2,421	2,042	1,720
1.40	fabricated steel	1,909	2,380	1,528	1,471	2,863	1,908	2,552	2,148	1,760
1.70	fabricated steel	2,063	2,440	1,690	1,586	2,997	1,933	2,662	2,246	1,815

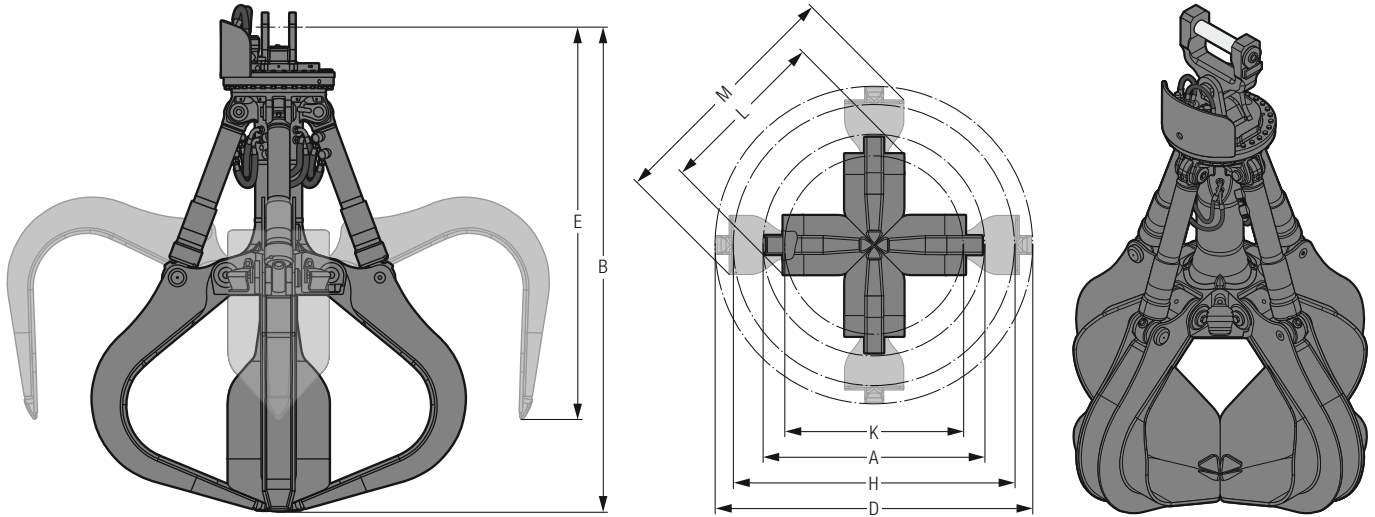
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Four-tine grab GMM 80-4

Semi-closed tines



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.10	fabricated steel	1,793	2,540	1,383	1,399	2,713	2,111	2,421	2,156	1,965	2,095
1.40	fabricated steel	1,909	2,612	1,528	1,502	2,863	2,140	2,552	2,253	2,020	2,150
1.70	fabricated steel	2,063	2,672	1,690	1,616	2,997	2,165	2,662	2,336	2,080	2,210

¹⁾ dimensions with XHD bearing fork

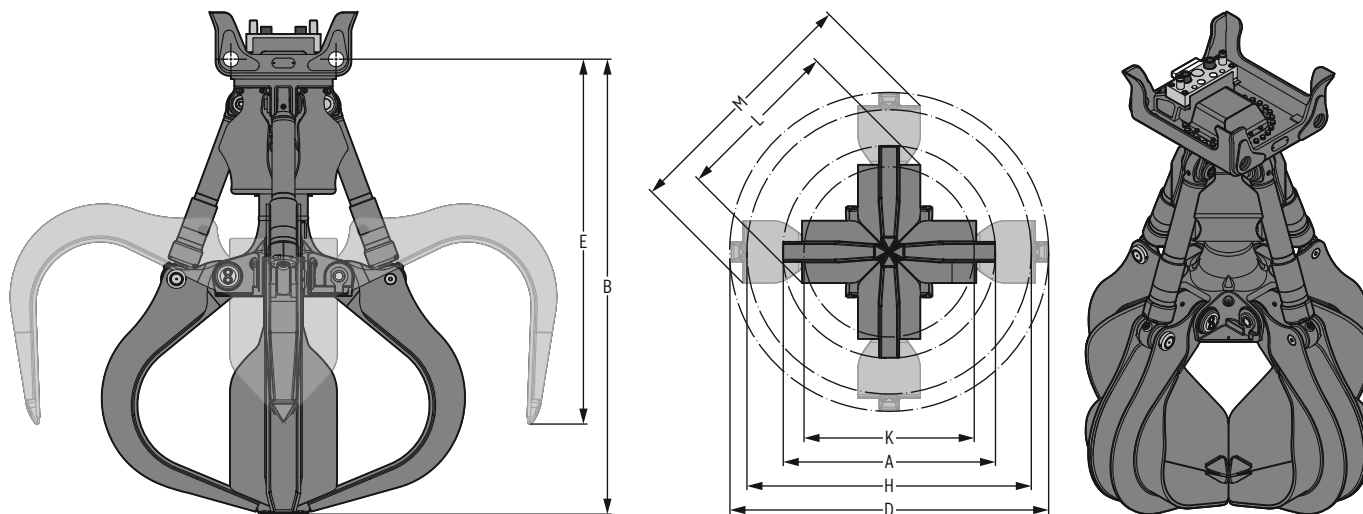
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 2 motors 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Four-tine grab GMM 80-4

Semi-closed tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

| LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 45-100t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.10	fabricated steel	1,793	2,308	1,383	1,399	2,713	1,879	2,421	2,156	1,910
1.40	fabricated steel	1,909	2,380	1,528	1,502	2,863	1,908	2,552	2,253	1,970
1.70	fabricated steel	2,063	2,440	1,690	1,616	2,997	1,933	2,662	2,336	2,030

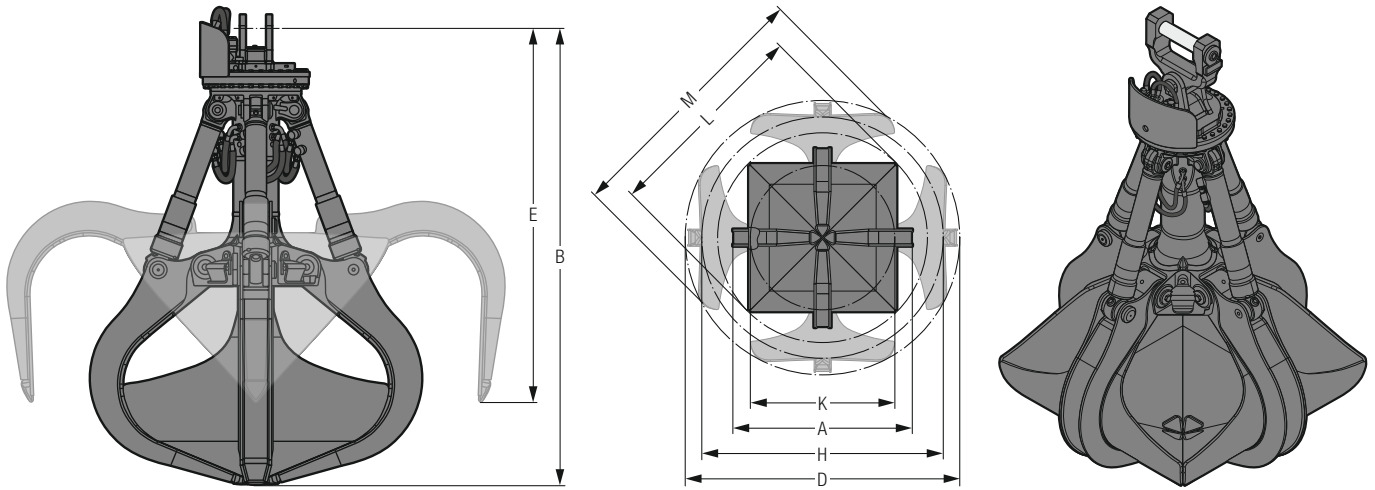
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Four-tine grab GMM 80-4

Closed tines, heart-shaped



Machine range

Liebherr machines

Material handling machine

| LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 45-100t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.40	fabricated steel	1,909	2,612	1,528	2,180	2,904	2,140	2,552	2,771	2,275	2,405
1.70	fabricated steel	2,063	2,672	1,690	2,414	3,099	2,165	2,662	2,996	2,430	2,560

¹⁾ dimensions with XHD bearing fork

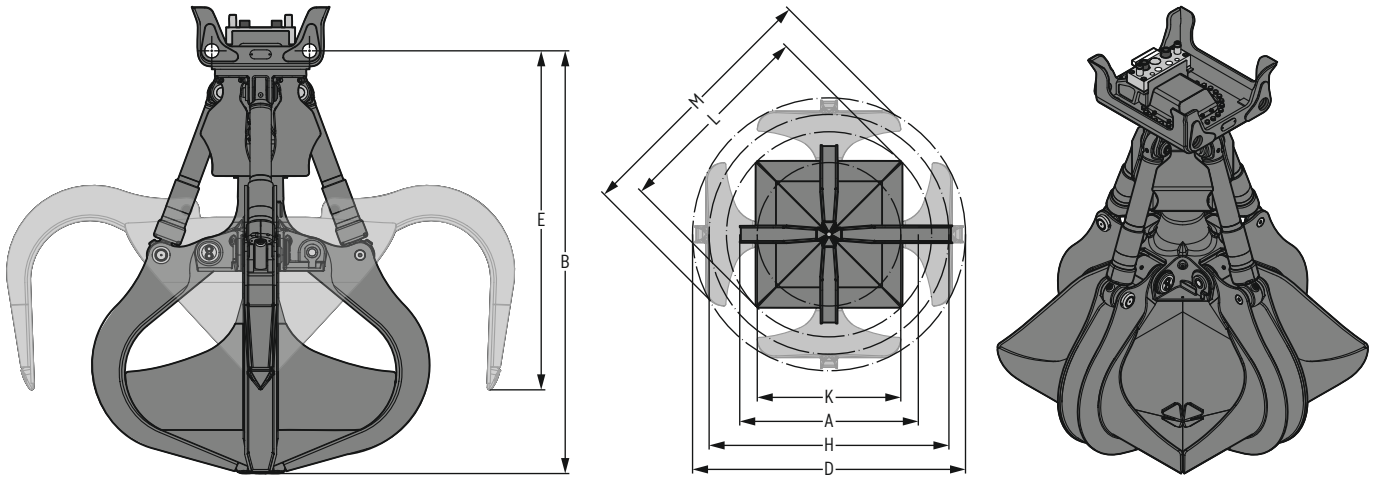
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 2 motors 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Four-tine grab GMM 80-4

Closed tines, heart-shaped, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.40	fabricated steel	1,909	2,380	1,528	2,180	2,904	1,908	2,552	2,771	2,225
1.70	fabricated steel	2,063	2,440	1,690	2,414	3,099	1,933	2,662	2,996	2,380

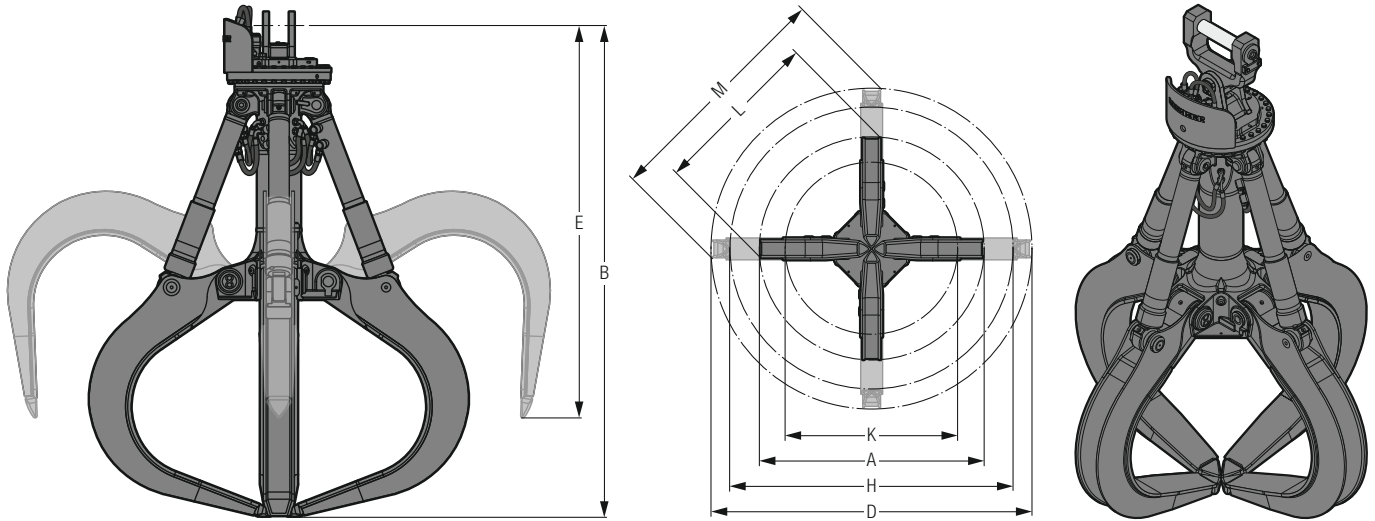
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Four-tine grab GMM 120-4

Open tines



Machine range

Liebherr machines

Material handling machine

| LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 70-200t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.70	fabricated steel	2,095	2,846	1,575	1,605	3,095	2,288	2,773	2,316	2,025	2,155
2.00	fabricated steel	2,224	2,882	1,731	1,700	3,186	2,302	2,835	2,380	2,070	2,200
2.50	fabricated steel	2,322	2,987	1,830	1,769	3,386	2,345	3,027	2,521	2,125	2,255
3.00	fabricated steel	2,426	3,088	1,931	1,838	3,578	2,386	3,211	2,657	2,175	2,305

¹⁾ dimensions with XHD bearing fork

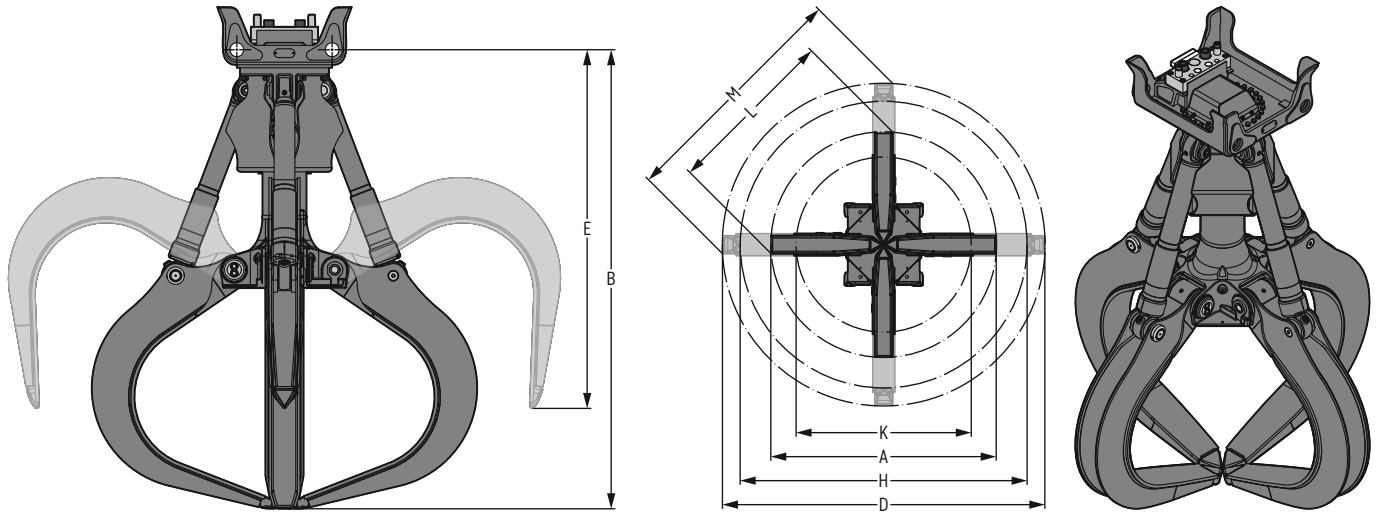
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 2 motors 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Four-tine grab GMM 120-4

Open tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

| LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 70-200t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.70	fabricated steel	2,095	2,614	1,575	1,605	3,095	2,056	2,773	2,316	1,975
2.00	fabricated steel	2,224	2,650	1,731	1,700	3,186	2,070	2,835	2,380	2,015
2.50	fabricated steel	2,322	2,755	1,830	1,769	3,386	2,113	3,027	2,521	2,075
3.00	fabricated steel	2,426	2,856	1,931	1,838	3,578	2,154	3,211	2,657	2,125

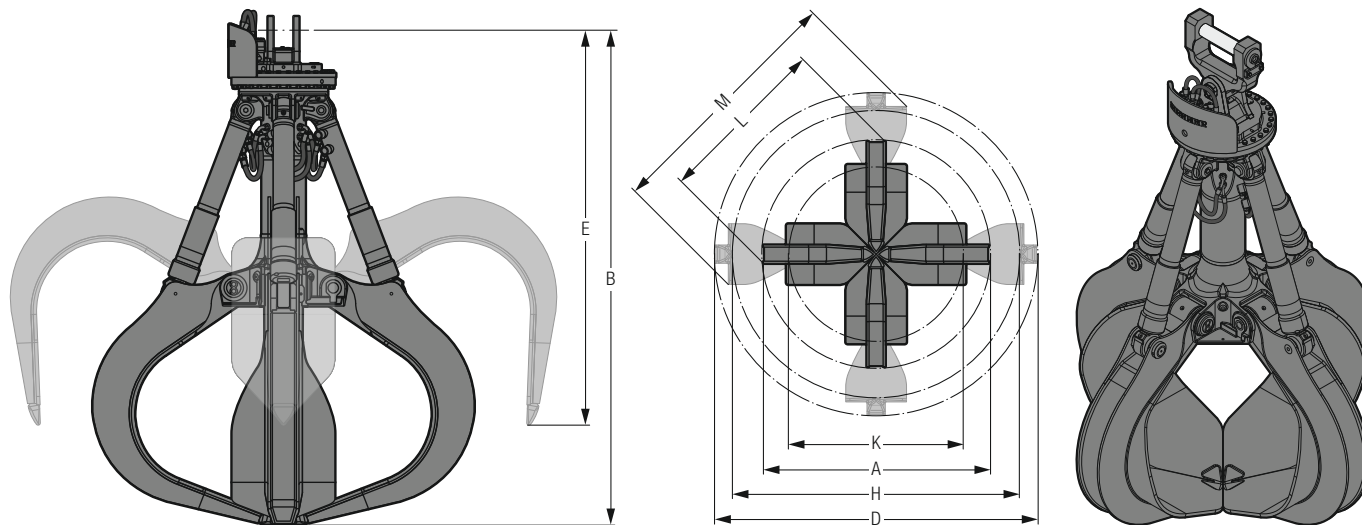
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Four-tine grab GMM 120-4

Semi-closed tines



Machine range

Liebherr machines

Material handling machine

LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 70-200t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.70	fabricated steel	2,095	2,846	1,575	1,603	3,095	2,288	2,773	2,437	2,260	2,390
2.00	fabricated steel	2,224	2,882	1,731	1,698	3,186	2,302	2,835	2,487	2,315	2,445
2.50	fabricated steel	2,322	2,987	1,830	1,768	3,386	2,345	3,027	2,624	2,405	2,535
3.00	fabricated steel	2,426	3,088	1,931	1,838	3,578	2,386	3,211	2,757	2,495	2,625

¹⁾ dimensions with XHD bearing fork

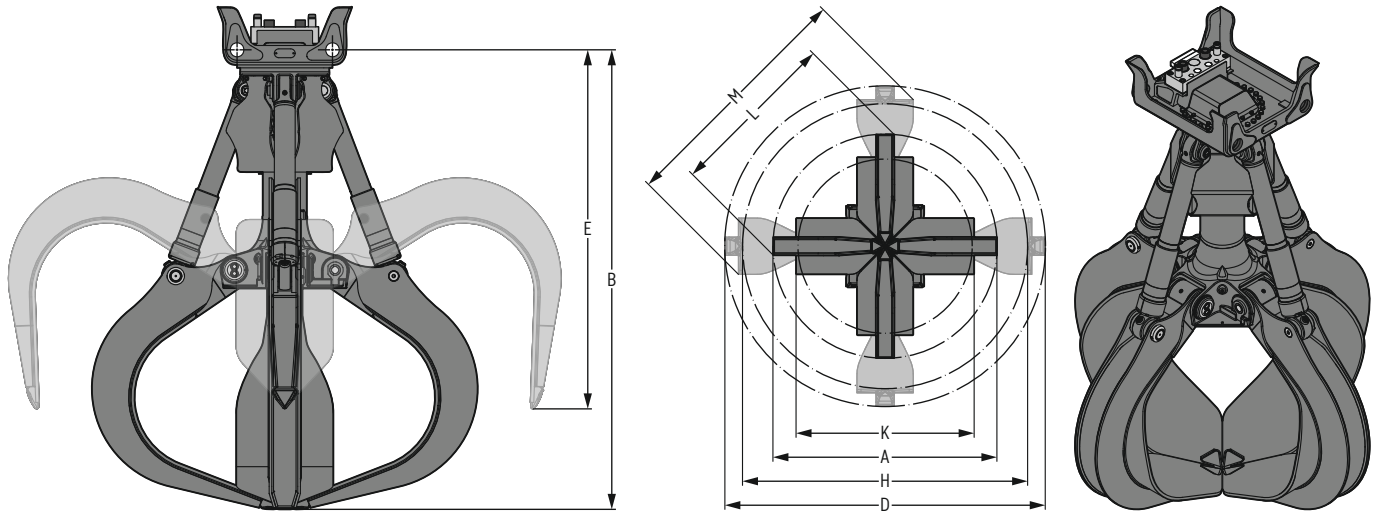
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 2 motors 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Four-tine grab GMM 120-4

Semi-closed tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

| LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 70-200t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.70	fabricated steel	2,095	2,614	1,575	1,603	3,095	2,056	2,773	2,437	2,210
2.00	fabricated steel	2,224	2,650	1,731	1,698	3,186	2,070	2,835	2,487	2,265
2.50	fabricated steel	2,322	2,755	1,830	1,768	3,386	2,113	3,027	2,624	2,350
3.00	fabricated steel	2,426	2,856	1,931	1,838	3,578	2,154	3,211	2,757	2,445

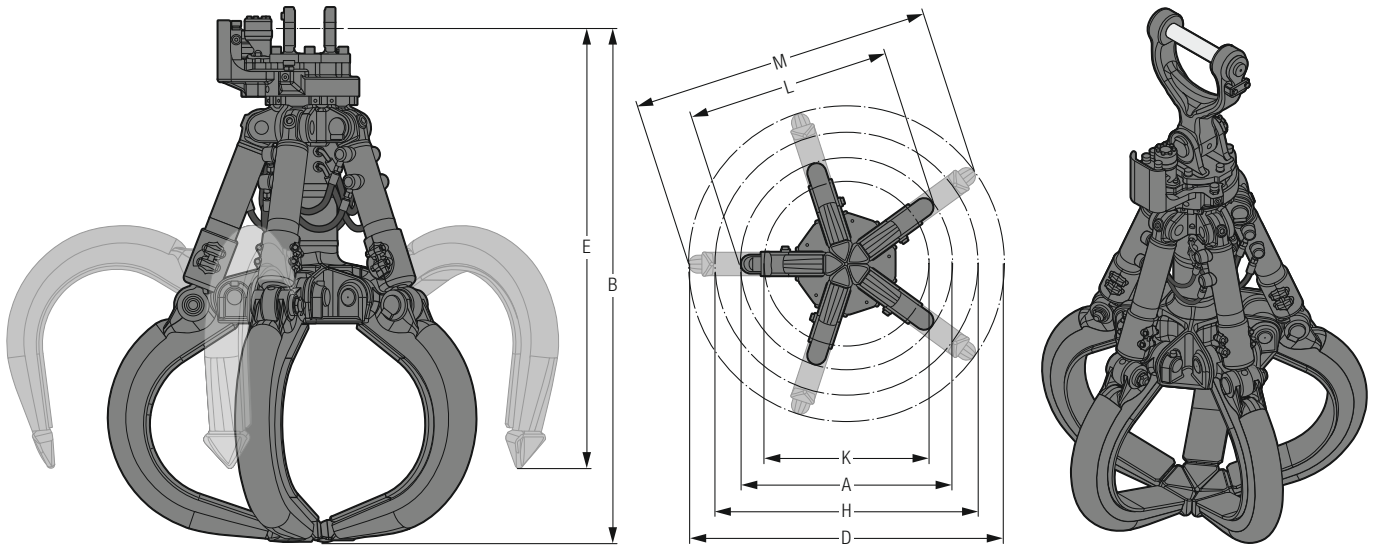
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Five-tine grab GM 55B

Open tines



Machine range

Liebherr machines

Material handling machine

| LH 18 - LH 22

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 18-23t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.40m ³	cast steel	1,340mm	1,709mm	1,064mm	1,281mm	2,022mm	1,464mm	1,697mm	1,928mm	940kg	995kg	1,020kg

¹⁾ dimensions with HD bearing fork

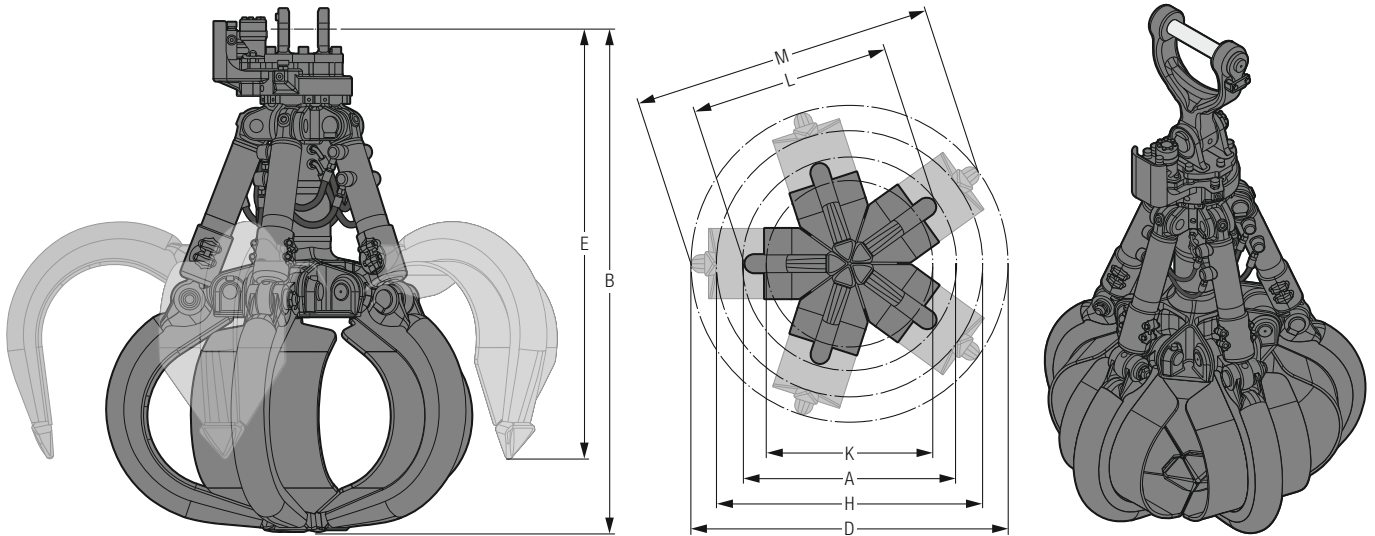
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
15t	36MPa	200l/min.	15MPa	30l/min.	1.38kNm

Five-tine grab GM 55B

Semi-closed tines



Machine range

Liebherr machines

Material handling machine

| LH 18 - LH 22

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 18-23t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.40m ³	cast steel	1,340mm	1,711mm	1,064mm	1,281mm	2,022mm	1,464mm	1,702mm	1,928mm	1,060 kg	1,120 kg	1,145 kg

¹⁾ dimensions with HD bearing fork

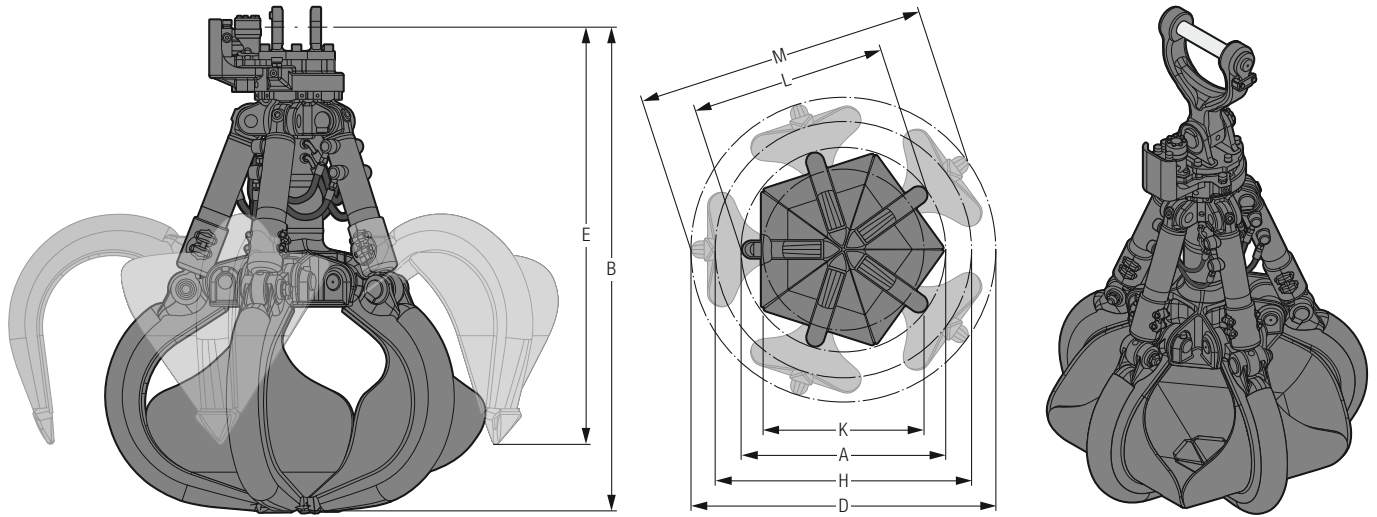
²⁾ with direct mounting

Technical data

Lift capacity max.	Pressure max.	Grab open / close Flow max.	Pressure max.	Grab turning Flow max.	Torque 1 motor 200 cm ³
15t	36 MPa	200l/min.	15 MPa	30l/min.	1.38 kNm

Five-tine grab GM 55B

Closed tines, heart-shaped



Machine range

Liebherr machines

Material handling machine

| LH 18 - LH 22

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 18-23t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.40m ³	cast steel	1,340mm	1,711mm	1,067mm	1,281mm	2,022mm	1,464mm	1,702mm	1,928mm	1,315 kg	1,375 kg	1,400 kg

¹⁾ dimensions with HD bearing fork

²⁾ with direct mounting

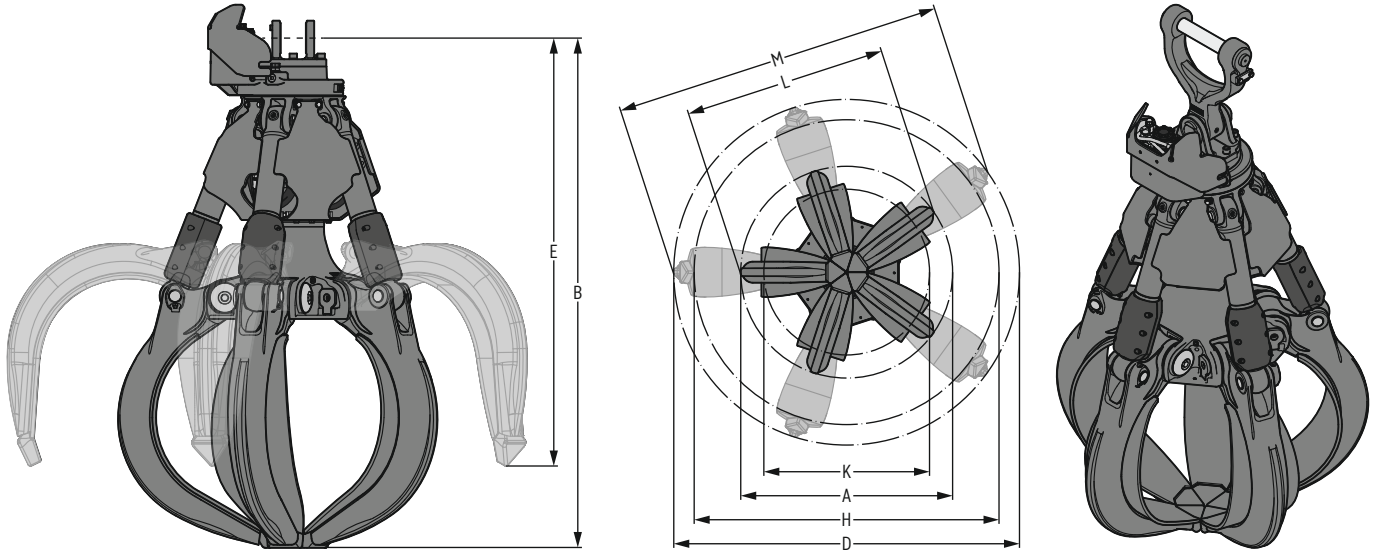
Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
15t	36MPa	200l/min.	15MPa	30l/min.	1.38kNm

Five-tine grab GMM 35-5

Open tines

Previous grab GM 65



Machine range

Liebherr machines

Material handling machine

| LH 24 - LH 35

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 22-35t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.60m ³	cast steel	1,408mm	2,046mm	1,102mm	1,346mm	2,297mm	1,719mm	2,031mm	2,192mm	1,390 kg	1,450 kg	1,475 kg

¹⁾ dimensions with HD bearing fork

²⁾ with direct mounting

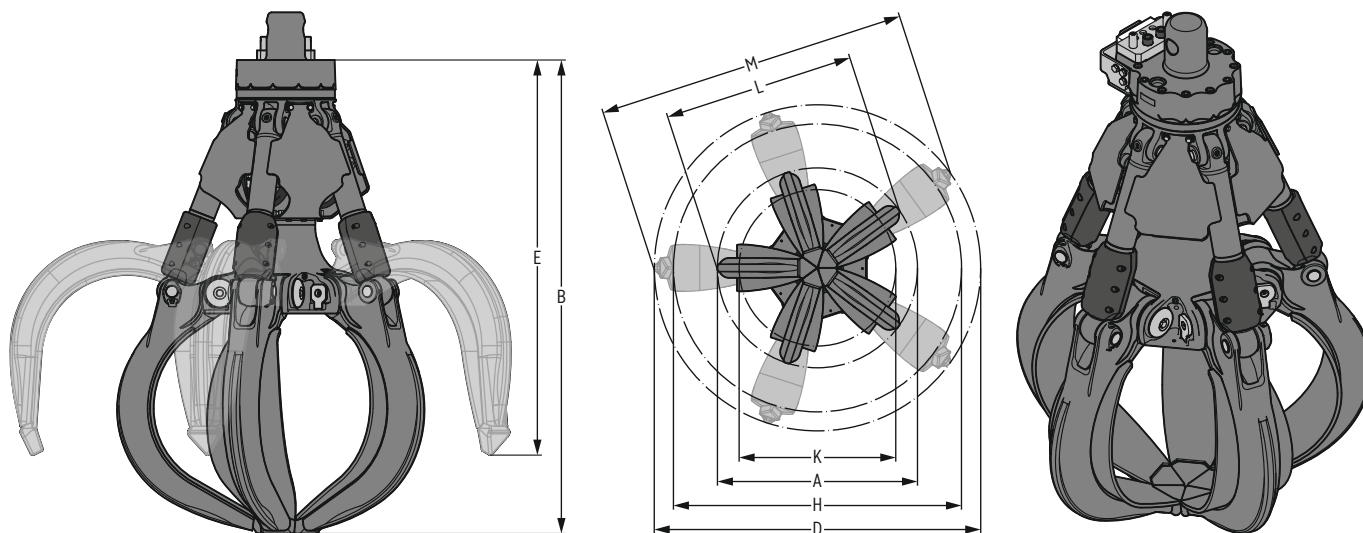
Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors	2 motors
20t	38MPa	250l/min.	15MPa	30l/min.	2.45 kNm	3.84 kNm

Five-tine grab GMM 35-5

Open tines, mounting MH 40¹⁾

Previous grab GM 65



Machine range

Liebherr machines

Material handling machine

| LH 24 – LH 35

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 22–35t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension
		A	B	K	L	D	E	H	M	
0.60 m ³	cast steel	1,408 mm	1,979 mm	1,102 mm	1,346 mm	2,297 mm	1,652 mm	2,031 mm	2,192 mm	1,375 kg

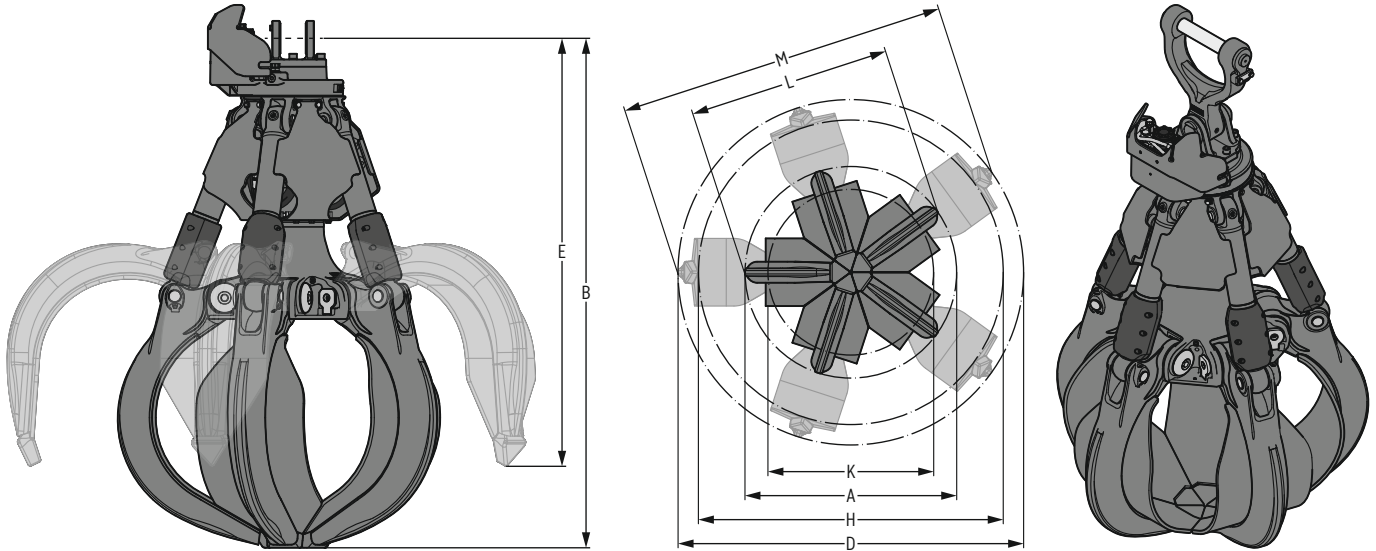
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Five-tine grab GMM 35-5

Semi-closed tines
Previous grab GM 65



Machine range

Liebherr machines

Material handling machine

LH 24 - LH 35

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 22-35t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.60m ³	cast steel	1,408mm	2,046mm	1,102mm	1,346mm	2,297mm	1,719mm	2,031mm	2,192mm	1,455 kg	1,515 kg	1,540 kg

¹⁾ dimensions with HD bearing fork

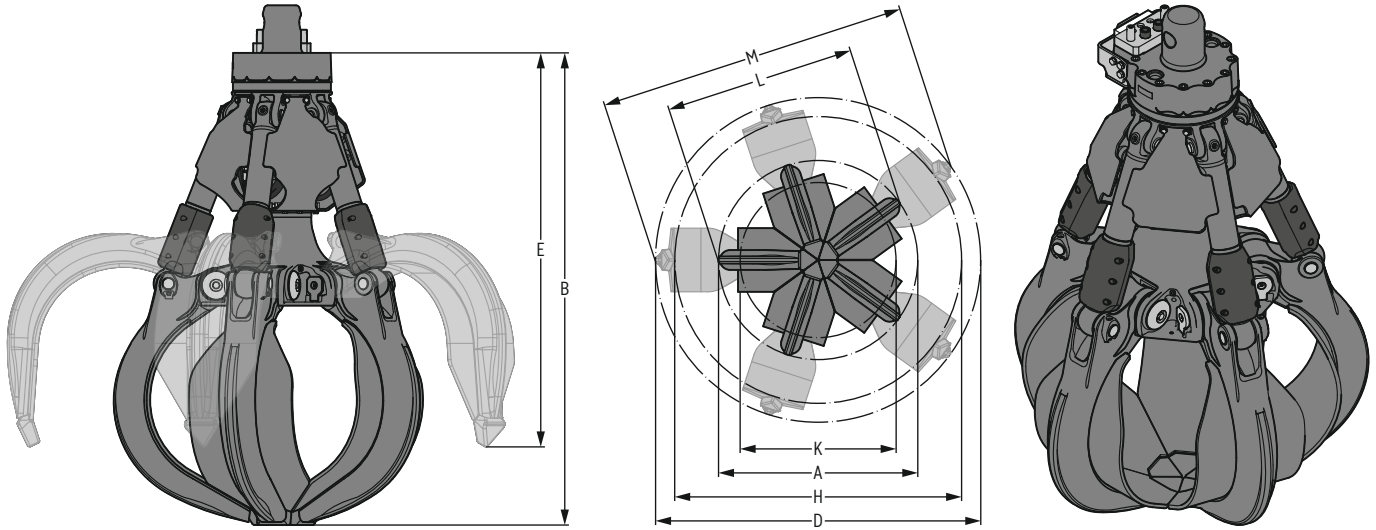
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors	2 motors
20t	38MPa	250l/min.	15MPa	30l/min.	2.45 kNm	3.84 kNm

Five-tine grab GMM 35-5

Semi-closed tines, mounting MH 40¹⁾
 Previous grab GM 65



Machine range

Liebherr machines
 Material handling machine | LH 24 – LH 35

Other machine makes
 Weight class | approx. 22–35t
 (see operating manual for exact specification)

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension
		A	B	K	L	D	E	H	M	
0.60 m ³	cast steel	1,408 mm	1,979 mm	1,102 mm	1,346 mm	2,297 mm	1,652 mm	2,031 mm	2,192 mm	1,440 kg

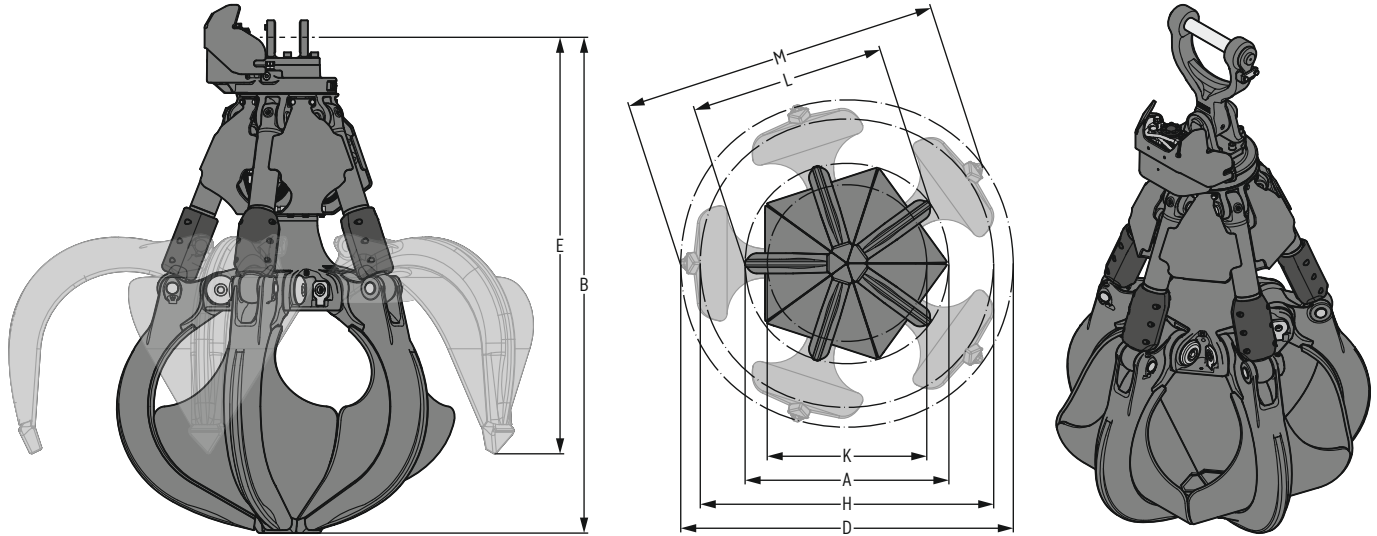
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Five-tine grab GMM 35-5

Closed tines, heart-shaped
Previous grab GM 65



Machine range

Liebherr machines

Material handling machine

| LH 24 - LH 35

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 22-35t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
		A	B	K	L	D	E	H	M			
0.60m ³	cast steel	1,408mm	2,046mm	1,102mm	1,346mm	2,297mm	1,719mm	2,031mm	2,192mm	1,500 kg	1,560 kg	1,585 kg

¹⁾ dimensions with HD bearing fork

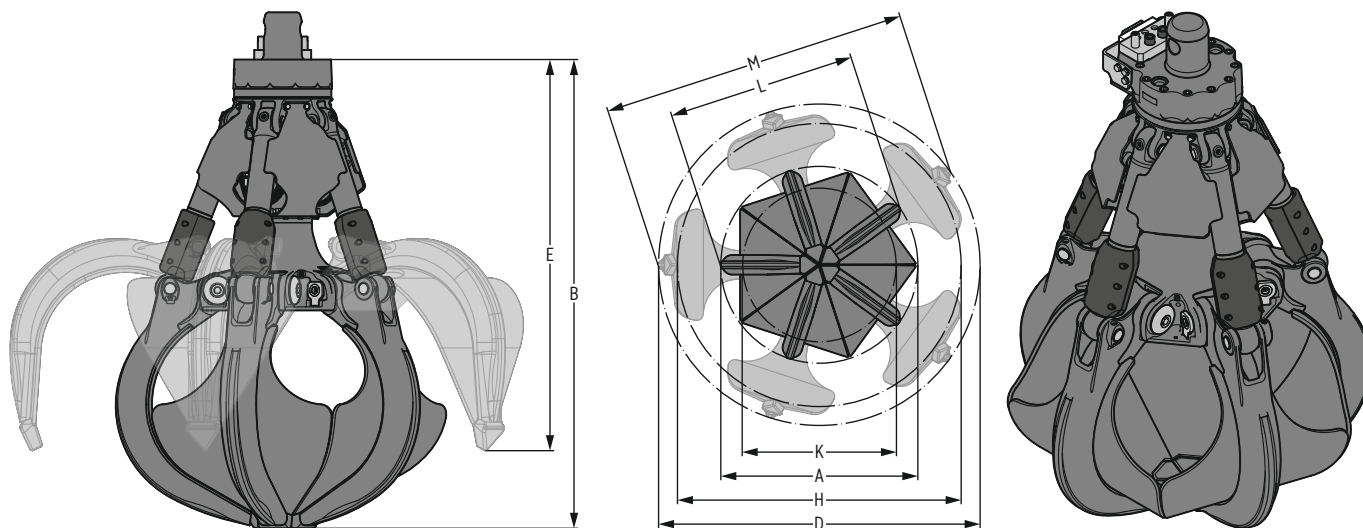
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors	2 motors
20t	38MPa	250l/min.	15MPa	30l/min.	2.45 kNm	3.84 kNm

Five-tine grab GMM 35-5

Closed tines, heart-shaped, mounting MH 40¹⁾
 Previous grab GM 65



Machine range

Liebherr machines
 Material handling machine | LH 24 – LH 35

Other machine makes
 Weight class | approx. 22-35t
 (see operating manual for exact specification)

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension
		A	B	K	L	D	E	H	M	
0.60 m ³	cast steel	1,408 mm	1,979 mm	1,102 mm	1,346 mm	2,297 mm	1,652 mm	2,031 mm	2,192 mm	1,485 kg

Technical data

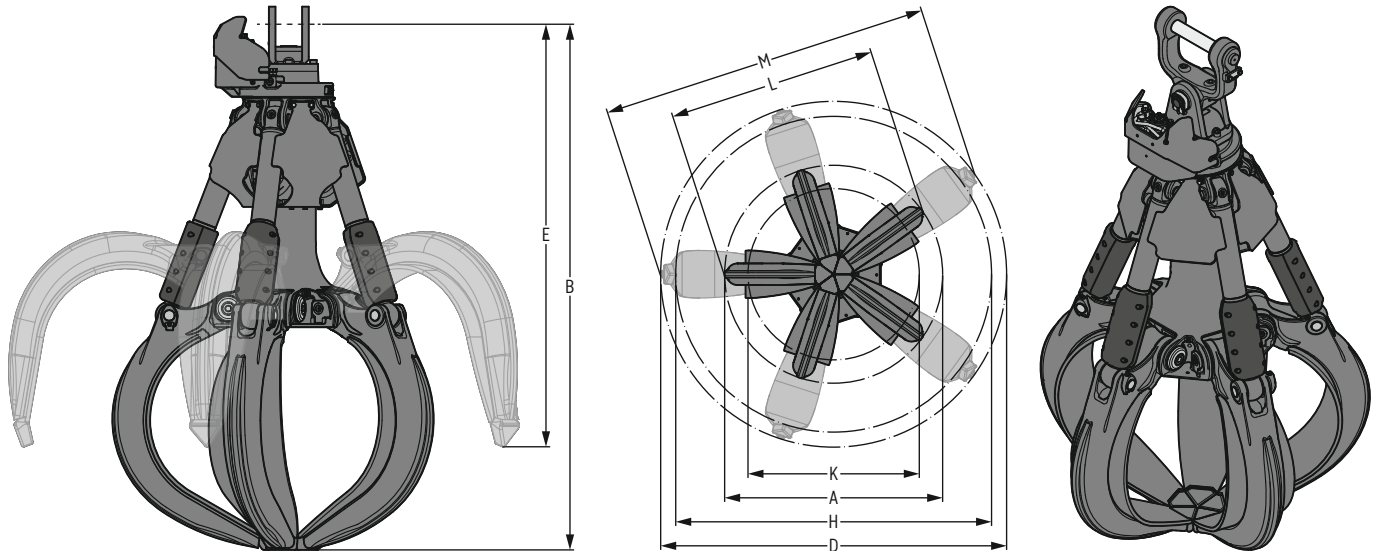
Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Five-tine grab GMM 50-5

Open tines

Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

| LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 35-55t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.70	fabricated steel	1,562	2,265	1,237	1,534	2,265	1,880	2,090	2,205	1,520	1,620
0.90	cast steel	1,604	2,388	1,260	1,535	2,545	1,921	2,326	2,428	1,660	1,760
1.10	fabricated steel	1,725	2,429	1,391	1,692	2,576	1,935	2,398	2,503	1,670	1,770

¹⁾ dimensions with XHD bearing fork

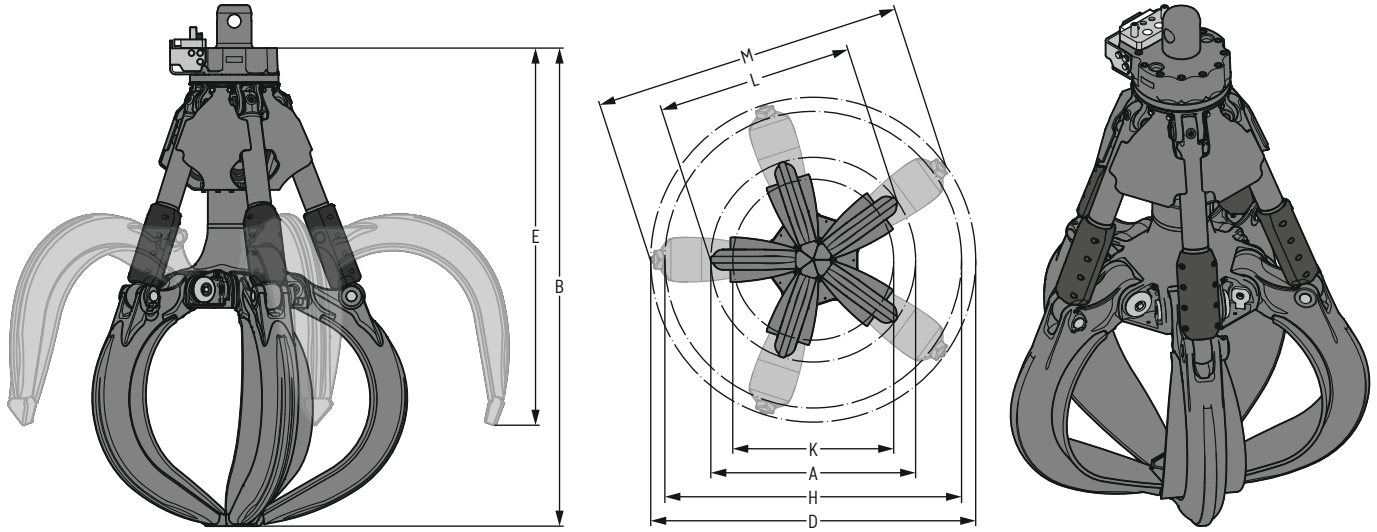
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors 125 cm ³	2 motors 200 cm ³
20t	38 MPa	250l/min.	15 MPa	30l/min.	2.45 kNm	3.84 kNm

Five-tine grab GMM 50-5

Open tines, mounting MH 40¹⁾
Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,562	2,096	1,237	1,534	2,265	1,711	2,090	2,205	1,490
0.90	cast steel	1,604	2,219	1,260	1,535	2,545	1,752	2,326	2,428	1,630
1.10	fabricated steel	1,725	2,260	1,391	1,692	2,576	1,766	2,398	2,503	1,640

Technical data

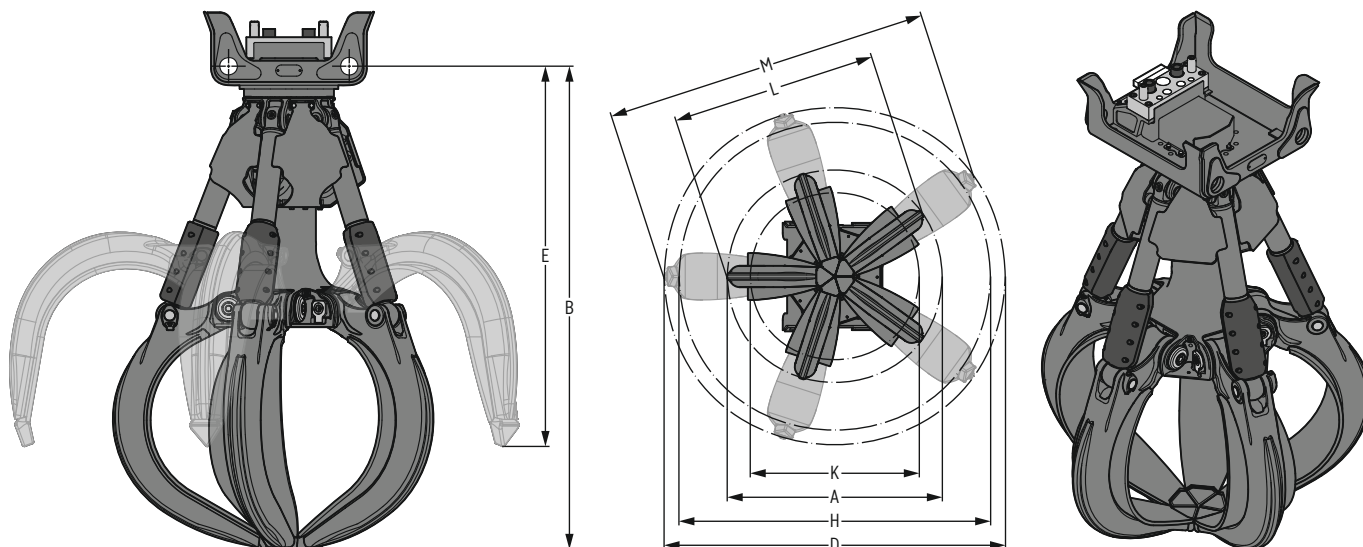
Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Five-tine grab GMM 50-5

Open tines, mounting MH 110¹⁾

Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,562	2,077	1,237	1,534	2,265	1,692	2,090	2,205	1,565
0.90	cast steel	1,604	2,200	1,260	1,535	2,545	1,733	2,326	2,428	1,705
1.10	fabricated steel	1,725	2,241	1,391	1,692	2,576	1,747	2,398	2,503	1,715

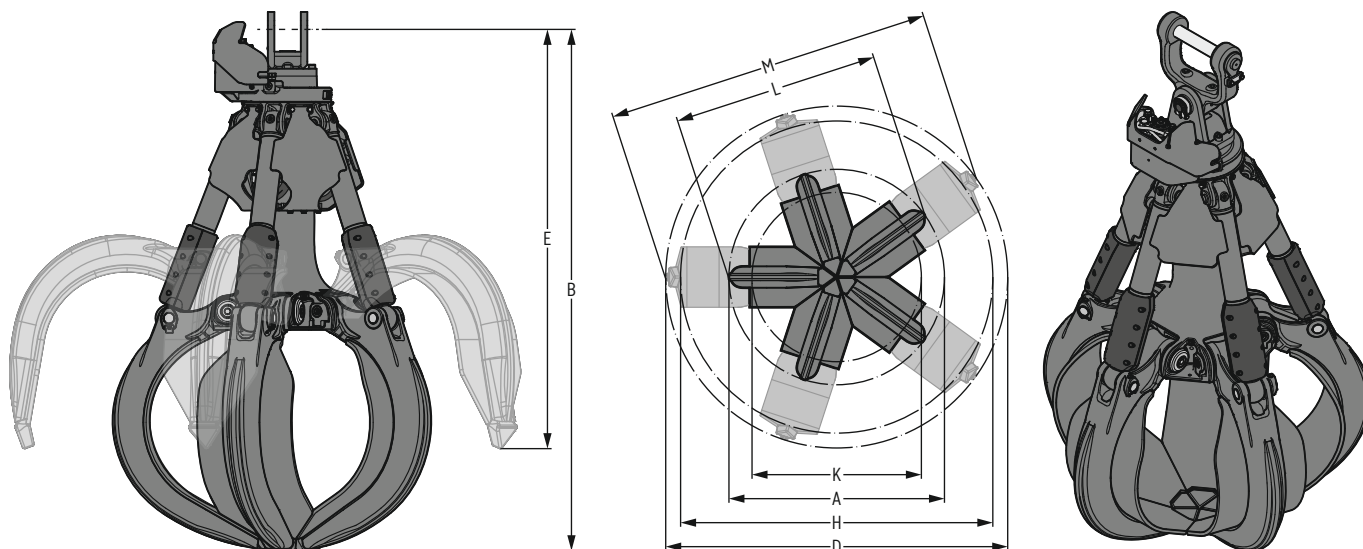
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 50-5

Semi-closed tines
Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.70	fabricated steel	1,562	2,265	1,237	1,534	2,265	1,880	2,090	2,205	1,595	1,695
0.90	cast steel	1,604	2,388	1,260	1,535	2,545	1,921	2,326	2,428	1,745	1,845
1.10	fabricated steel	1,725	2,429	1,391	1,692	2,576	1,935	2,398	2,503	1,780	1,875

¹⁾ dimensions with XHD bearing fork

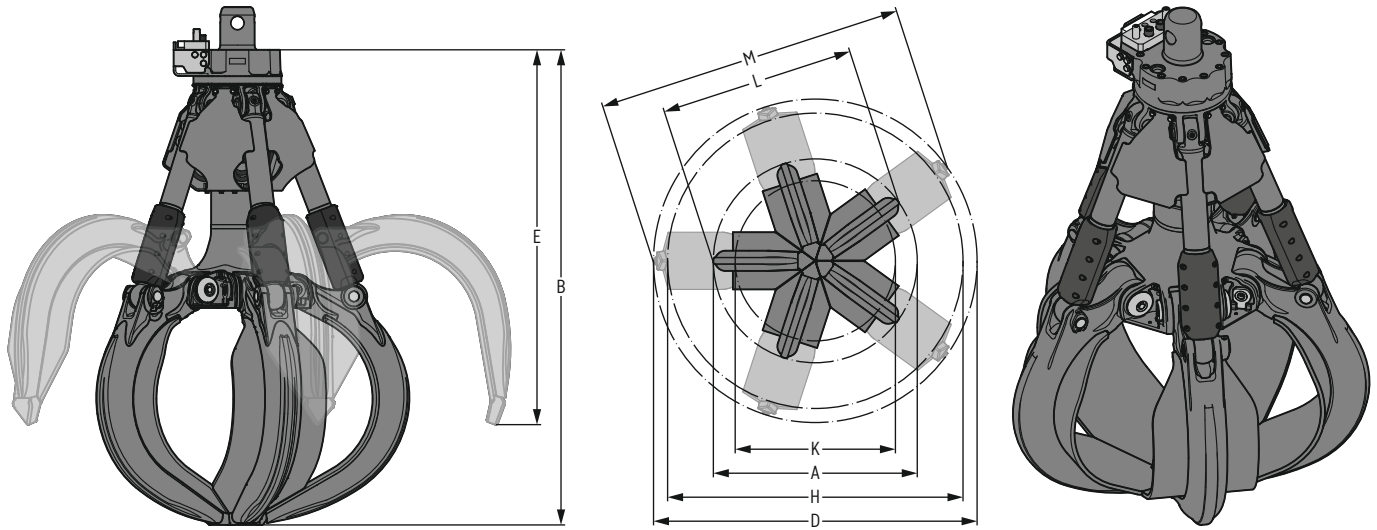
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque	
	Pressure max.	Flow max.	Pressure max.	Flow max.	2 motors	2 motors
20t	38 MPa	250l/min.	15 MPa	30l/min.	2.45 kNm	3.84 kNm

Five-tine grab GMM 50-5

Semi-closed tines, mounting MH 40¹⁾
 Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,562	2,096	1,237	1,534	2,265	1,711	2,090	2,205	1,565
0.90	cast steel	1,604	2,219	1,260	1,535	2,545	1,752	2,326	2,428	1,715
1.10	fabricated steel	1,725	2,260	1,391	1,692	2,576	1,766	2,398	2,503	1,750

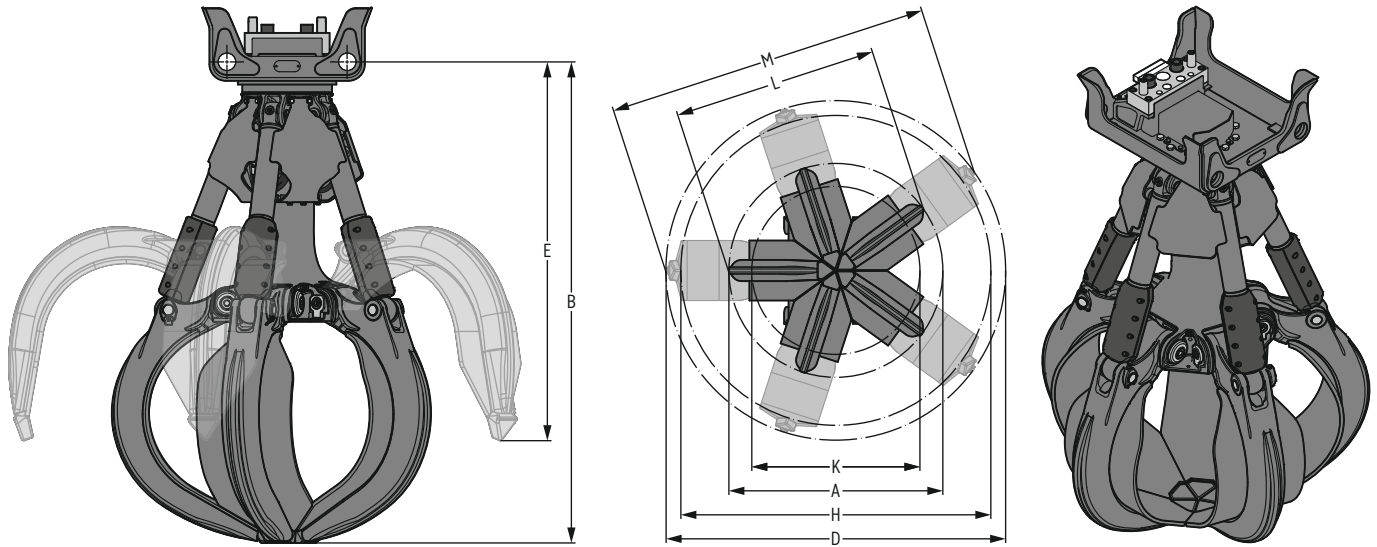
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 40 versions

Five-tine grab GMM 50-5

Semi-closed tines, mounting MH 110¹⁾
Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

| LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,562	2,077	1,237	1,534	2,265	1,692	2,090	2,205	1,640
0.90	cast steel	1,604	2,200	1,260	1,535	2,545	1,733	2,326	2,428	1,790
1.10	fabricated steel	1,725	2,241	1,391	1,692	2,576	1,747	2,398	2,503	1,825

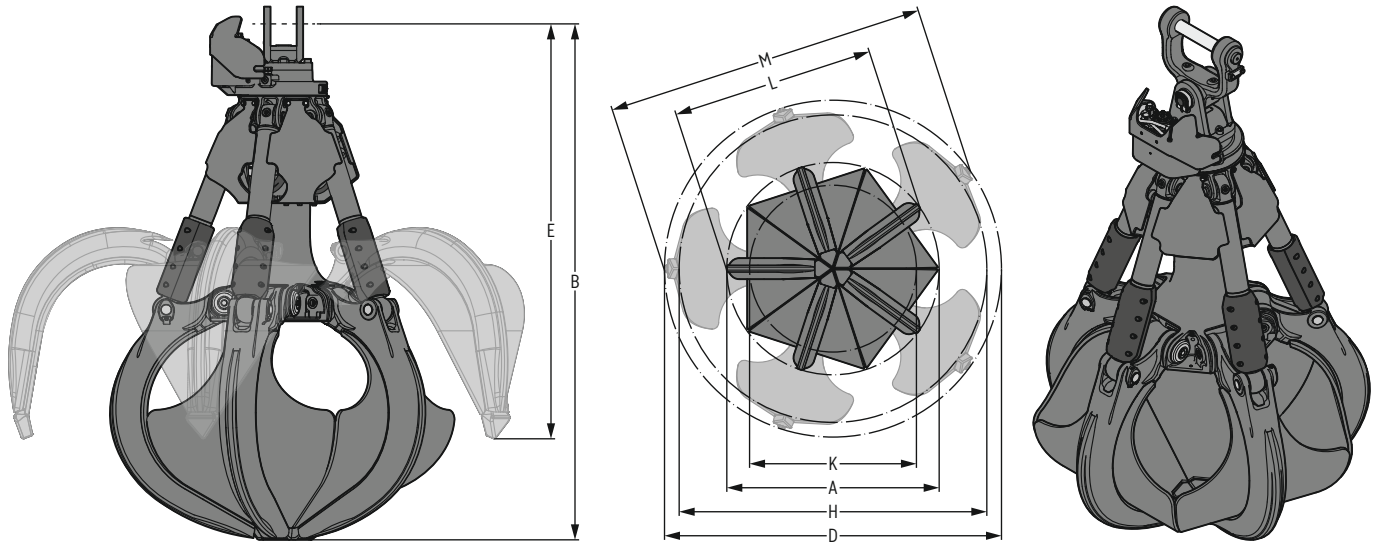
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 50-5

Closed tines, heart-shaped
Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

| LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 35-55t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.70	fabricated steel	1,562	2,265	1,237	1,534	2,265	1,880	2,090	2,205	1,690	1,790
0.90	cast steel	1,604	2,388	1,260	1,535	2,545	1,921	2,326	2,428	1,850	1,950
1.10	fabricated steel	1,746	2,429	1,391	1,692	2,576	1,935	2,398	2,503	1,855	1,955

¹⁾ dimensions with XHD bearing fork

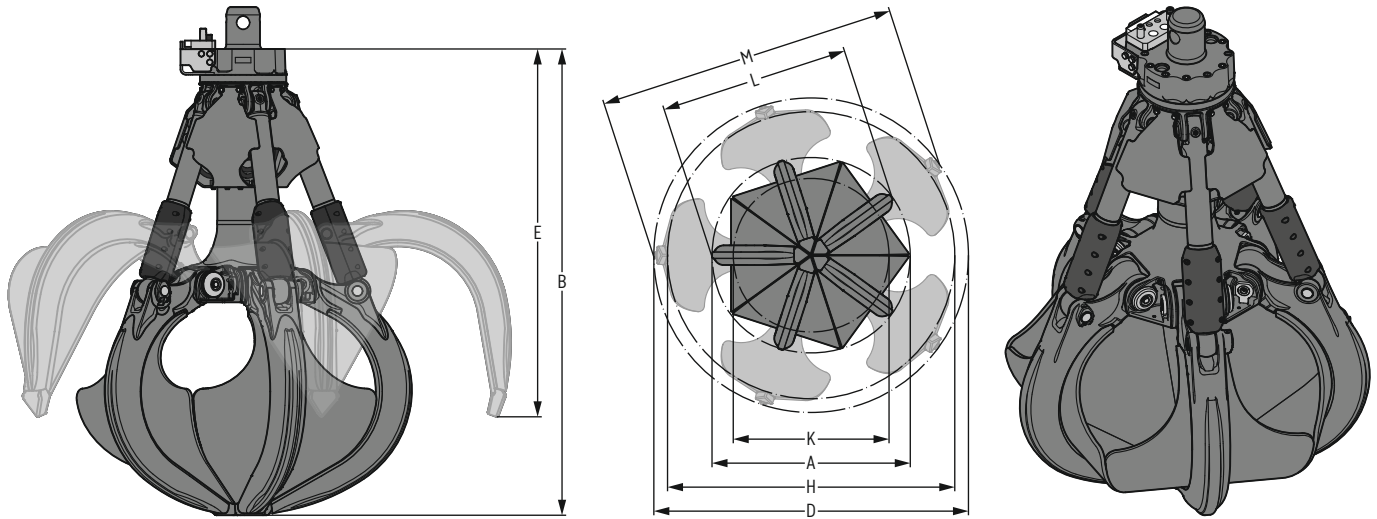
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		2 motors 125 cm ³	Torque	2 motors 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20t	38 MPa	250l/min.	15 MPa	30l/min.	2.45 kNm	3.84 kNm	

Five-tine grab GMM 50-5

Closed tines, heart-shaped, mounting MH 40¹⁾
 Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 40 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,562	2,096	1,237	1,534	2,265	1,711	2,090	2,205	1,660
0.90	cast steel	1,604	2,219	1,260	1,535	2,545	1,752	2,326	2,428	1,820
1.10	fabricated steel	1,746	2,260	1,391	1,692	2,576	1,766	2,398	2,503	1,825

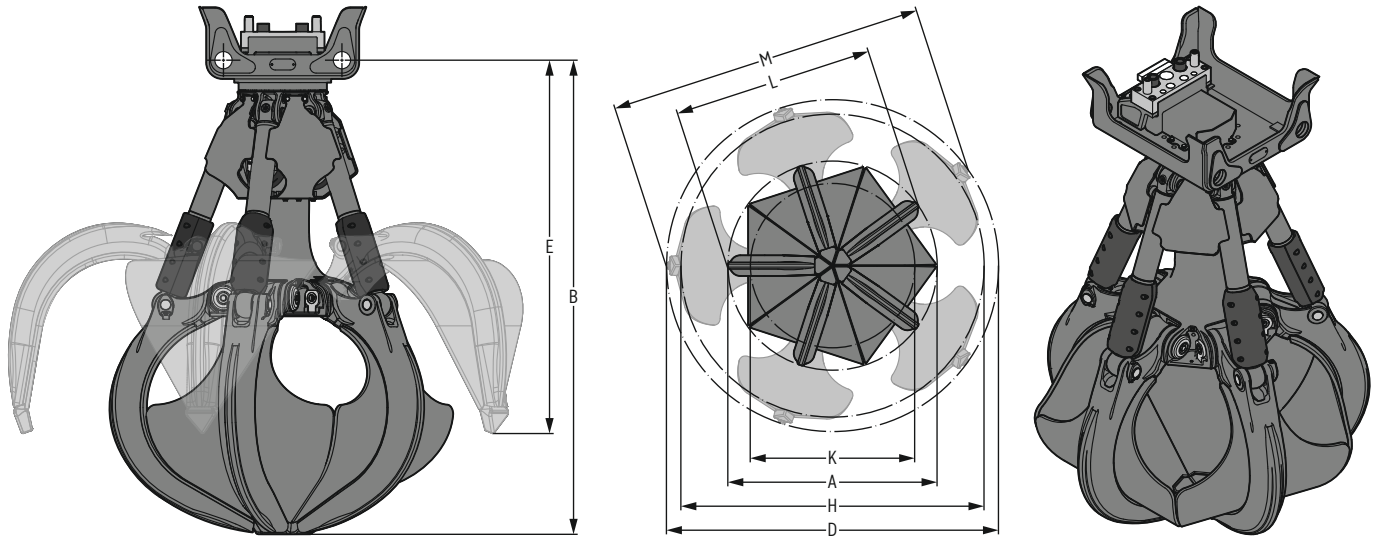
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20t	38 MPa		250l/min.

¹⁾ for all MH 40 versions

Five-tine grab GMM 50-5

Closed tines, heart-shaped, mounting MH 110¹⁾
 Previous grab GM 70C



Machine range

Liebherr machines

Material handling machine

LH 40 - LH 50 High Rise

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 35-55 t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.70	fabricated steel	1,562	2,077	1,237	1,534	2,265	1,692	2,090	2,205	1,735
0.90	cast steel	1,604	2,200	1,260	1,535	2,545	1,733	2,326	2,428	1,895
1.10	fabricated steel	1,746	2,241	1,391	1,692	2,576	1,747	2,398	2,503	1,900

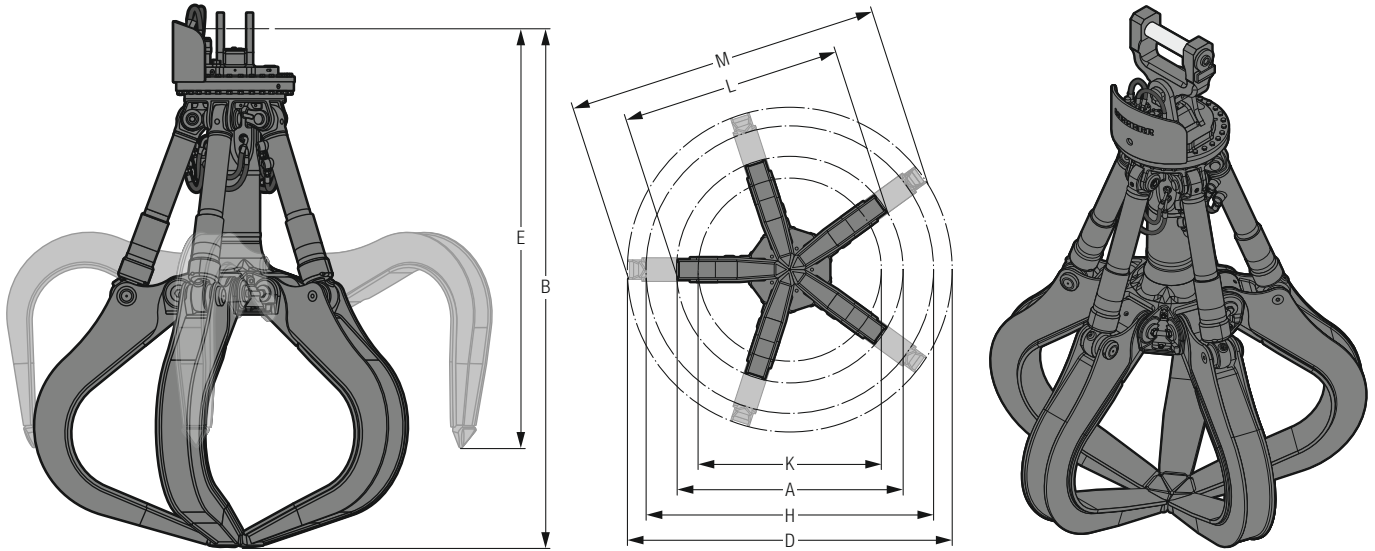
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
20 t	38 MPa		250 l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 80-5

Open tines



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.10	fabricated steel	1,797	2,541	1,373	1,756	2,713	2,111	2,421	2,630	2,040	2,170
1.40	fabricated steel	1,914	2,613	1,533	1,868	2,863	2,140	2,552	2,773	2,090	2,220
1.70	fabricated steel	2,072	2,673	1,695	2,023	3,002	2,165	2,662	2,906	2,160	2,290

¹⁾ dimensions with XHD bearing fork

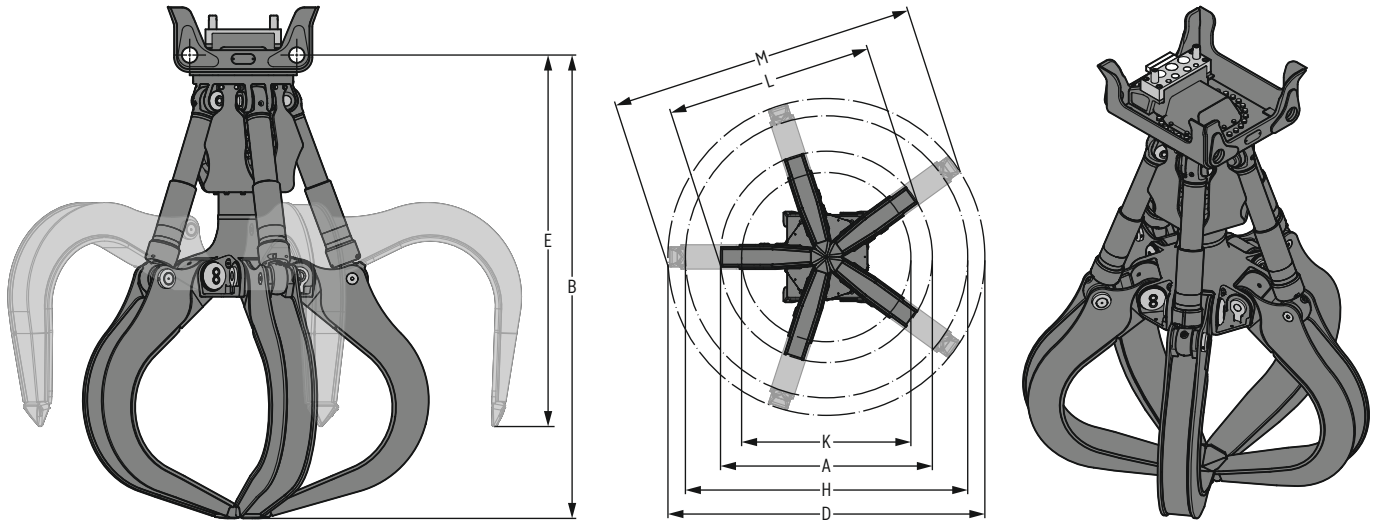
²⁾ with direct mounting

Technical data

Lift capacity max.	Pressure max.	Grab open / close Flow max.	Pressure max.	Grab turning Flow max.	Torque 2 motors 200 cm ³
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Five-tine grab GMM 80-5

Open tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.10	fabricated steel	1,797	2,309	1,373	1,756	2,713	1,879	2,421	2,630	1,985
1.40	fabricated steel	1,914	2,381	1,533	1,868	2,863	1,908	2,552	2,773	2,035
1.70	fabricated steel	2,072	2,441	1,695	2,023	3,002	1,933	2,662	2,906	2,105

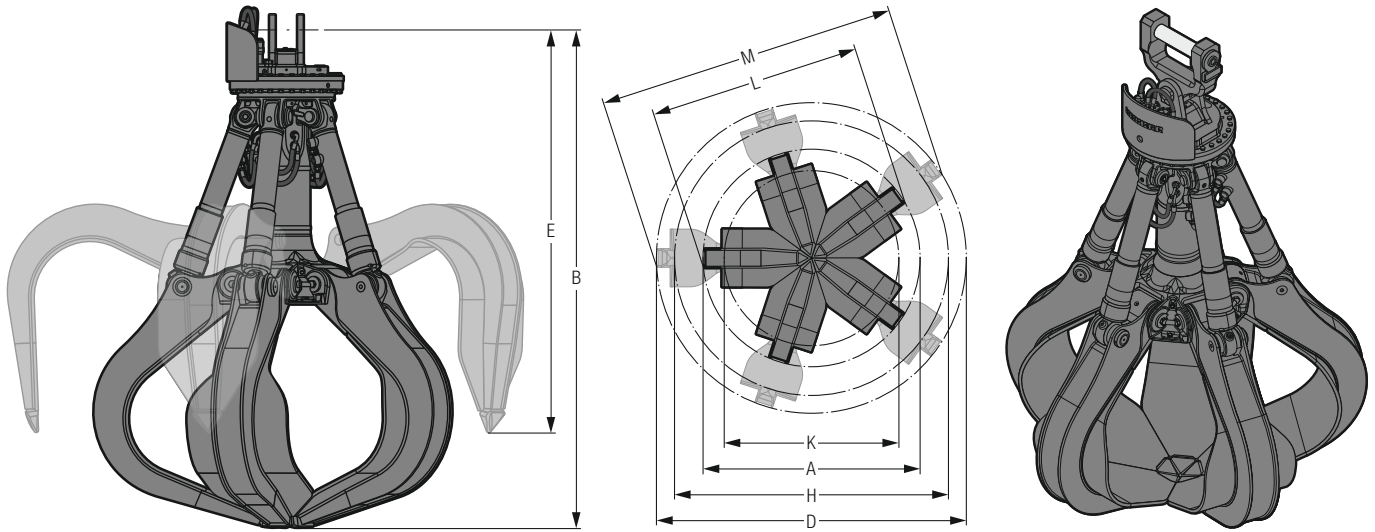
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 80-5

Semi-closed tines



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.90	fabricated steel	1,678	2,430	1,308	1,596	2,509	2,078	2,248	2,386	2,135	2,265
1.10	fabricated steel	1,799	2,541	1,373	1,756	2,713	2,111	2,421	2,630	2,260	2,390
1.40	fabricated steel	1,914	2,613	1,533	1,868	2,863	2,140	2,552	2,773	2,335	2,465
1.70	fabricated steel	2,072	2,673	1,695	2,023	3,002	2,165	2,662	2,906	2,405	2,535

¹⁾ dimensions with XHD bearing fork

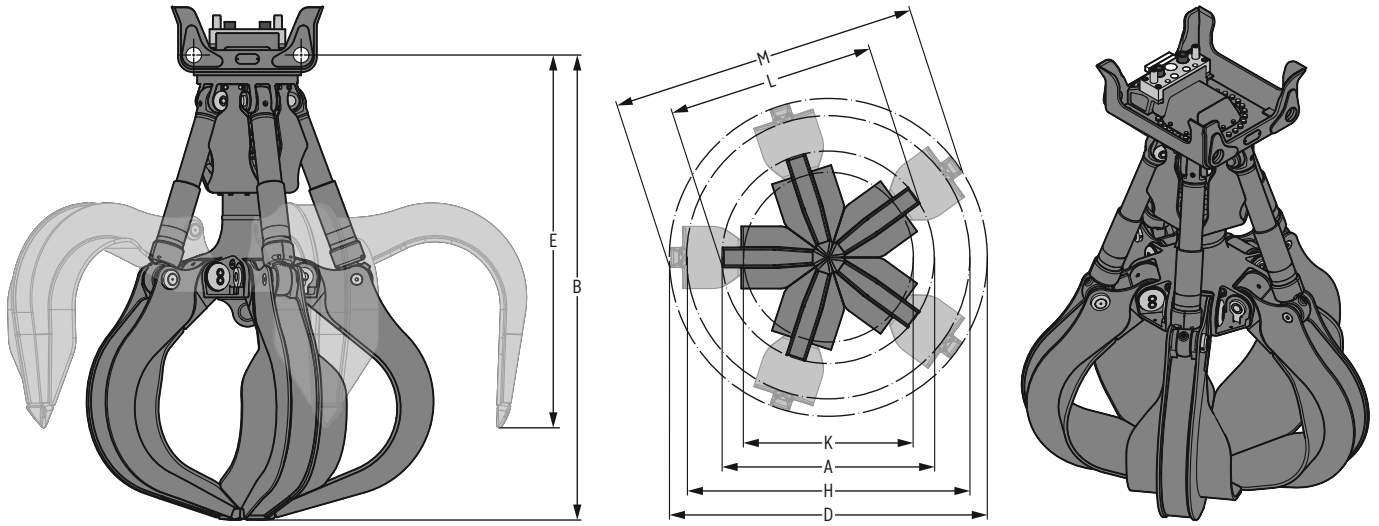
²⁾ with direct mounting

Technical data

Lift capacity max.	Pressure max.	Grab open / close Flow max.	Pressure max.	Grab turning Flow max.	Torque 2 motors 200 cm ³
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Five-tine grab GMM 80-5

Semi-closed tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.90	fabricated steel	1,678	2,198	1,308	1,596	2,509	1,846	2,248	2,386	2,085
1.10	fabricated steel	1,799	2,309	1,373	1,756	2,713	1,879	2,421	2,630	2,205
1.40	fabricated steel	1,914	2,381	1,533	1,868	2,863	1,908	2,552	2,773	2,280
1.70	fabricated steel	2,072	2,441	1,695	2,023	3,002	1,933	2,662	2,906	2,355

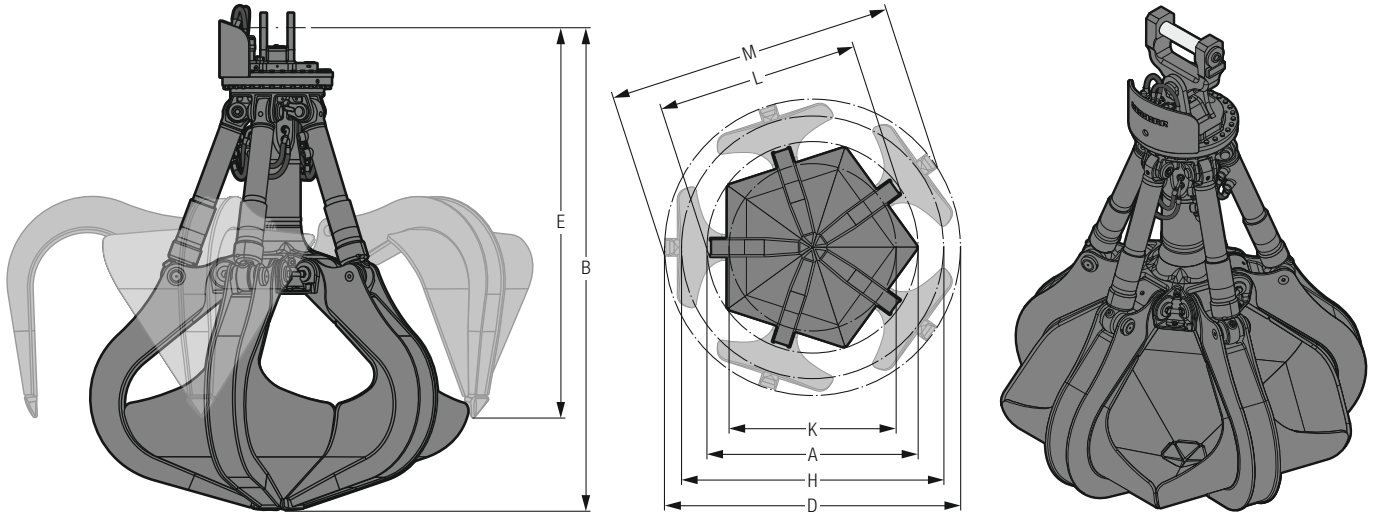
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 80-5

Closed tines, heart-shaped



Machine range

Liebherr machines

Material handling machine

| LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 45-100t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
0.90	fabricated steel	1,678	2,430	1,308	1,596	2,509	2,078	2,248	2,386	2,245	2,375
1.10	fabricated steel	1,797	2,541	1,373	1,756	2,713	2,111	2,421	2,630	2,310	2,440
1.40	fabricated steel	1,914	2,613	1,533	1,868	2,863	2,140	2,552	2,773	2,450	2,580
1.70	fabricated steel	2,116	2,673	1,695	2,023	3,002	2,165	2,662	2,922	2,600	2,730

¹⁾ dimensions with XHD bearing fork

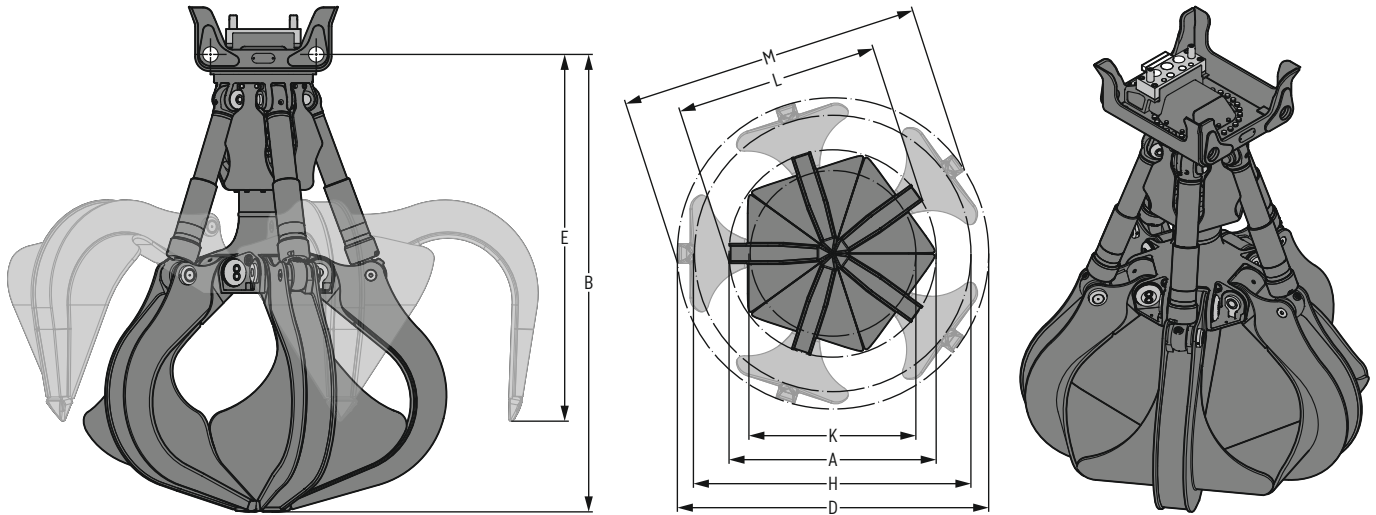
²⁾ with direct mounting

Technical data

Lift capacity max.	Pressure max.	Grab open / close Flow max.	Pressure max.	Grab turning Flow max.	Torque 2 motors 200 cm ³
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Five-tine grab GMM 80-5

Closed tines, heart-shaped, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

LH 50 High Rise - LH 110

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 45-100t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
0.90	fabricated steel	1,678	2,198	1,308	1,596	2,509	1,846	2,248	2,386	2,190
1.10	fabricated steel	1,797	2,309	1,373	1,756	2,713	1,879	2,421	2,630	2,260
1.40	fabricated steel	1,914	2,381	1,533	1,868	2,863	1,908	2,552	2,773	2,395
1.70	fabricated steel	2,116	2,441	1,695	2,023	3,002	1,933	2,662	2,922	2,545

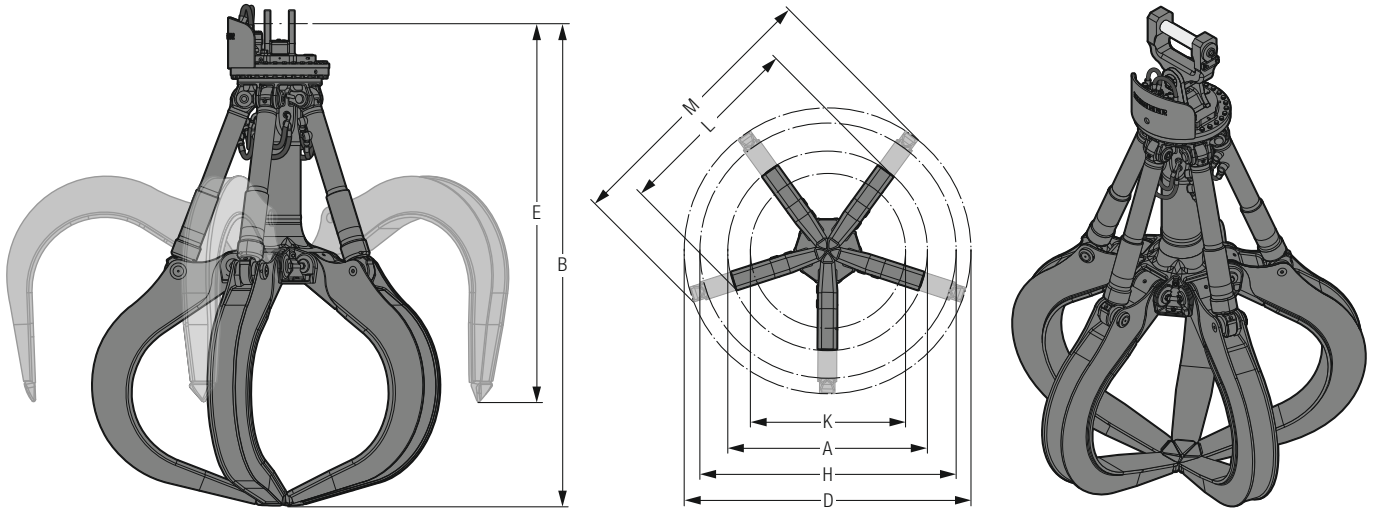
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 120-5

Open tines



Machine range

Liebherr machines

Material handling machine

| LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 70-200t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.70	fabricated steel	2,095	2,846	1,575	2,048	3,095	2,288	2,773	2,999	2,355	2,485
2.00	fabricated steel	2,224	2,882	1,731	2,173	3,186	2,302	2,835	3,086	2,410	2,540
2.50	fabricated steel	2,322	2,987	1,830	2,267	3,386	2,345	3,027	3,276	2,480	2,610
3.00	fabricated steel	2,426	3,088	1,931	2,362	3,578	2,386	3,211	3,459	2,540	2,670

¹⁾ dimensions with XHD bearing fork

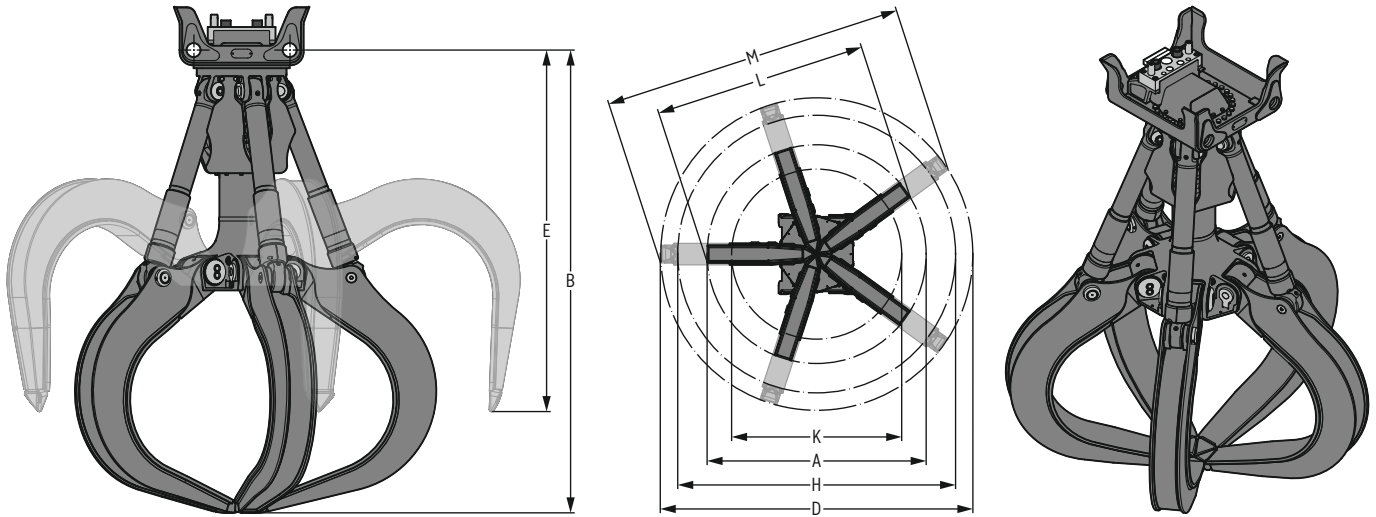
²⁾ with direct mounting

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 2 motors 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Five-tine grab GMM 120-5

Open tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 70-200t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.70	fabricated steel	2,095	2,614	1,575	2,048	3,095	2,056	2,773	2,999	2,300
2.00	fabricated steel	2,224	2,650	1,731	2,173	3,186	2,070	2,835	3,086	2,355
2.50	fabricated steel	2,322	2,755	1,830	2,267	3,386	2,113	3,027	3,276	2,425
3.00	fabricated steel	2,426	2,856	1,931	2,362	3,578	2,154	3,211	3,459	2,490

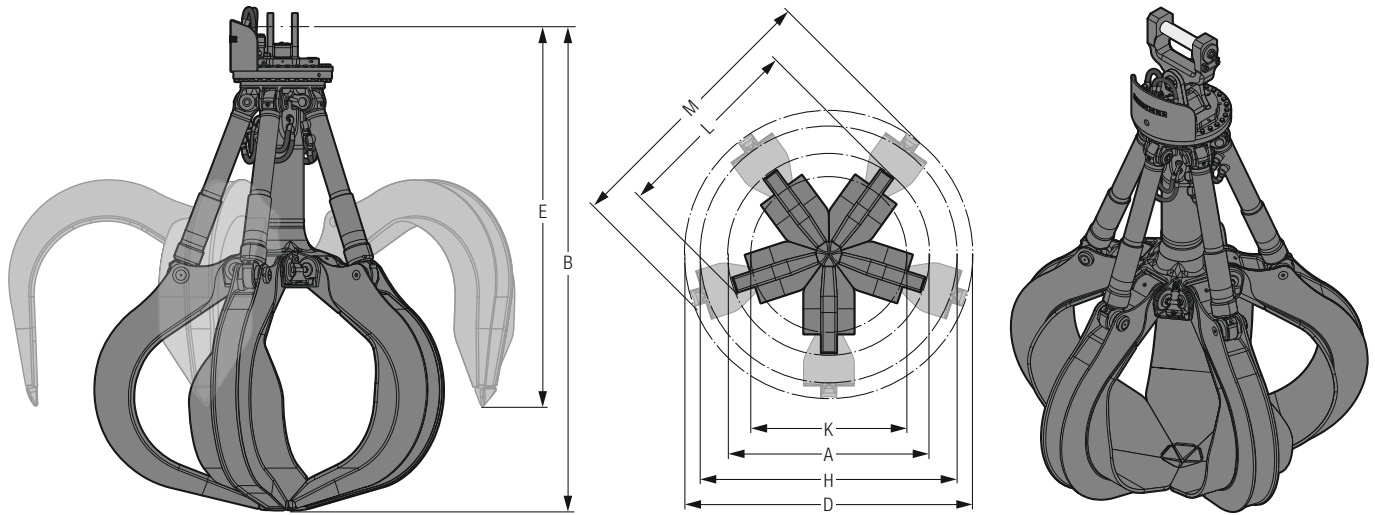
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 120-5

Semi-closed tines



Machine range

Liebherr machines

Material handling machine

| LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 70-200t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.70	fabricated steel	2,095	2,846	1,575	2,048	3,095	2,288	2,773	2,999	2,630	2,760
2.00	fabricated steel	2,224	2,882	1,731	2,173	3,186	2,302	2,835	3,086	2,700	2,830
2.50	fabricated steel	2,322	2,987	1,830	2,267	3,386	2,345	3,027	3,276	2,805	2,935
3.00	fabricated steel	2,426	3,088	1,931	2,362	3,578	2,386	3,211	3,459	2,920	3,050

¹⁾ dimensions with XHD bearing fork

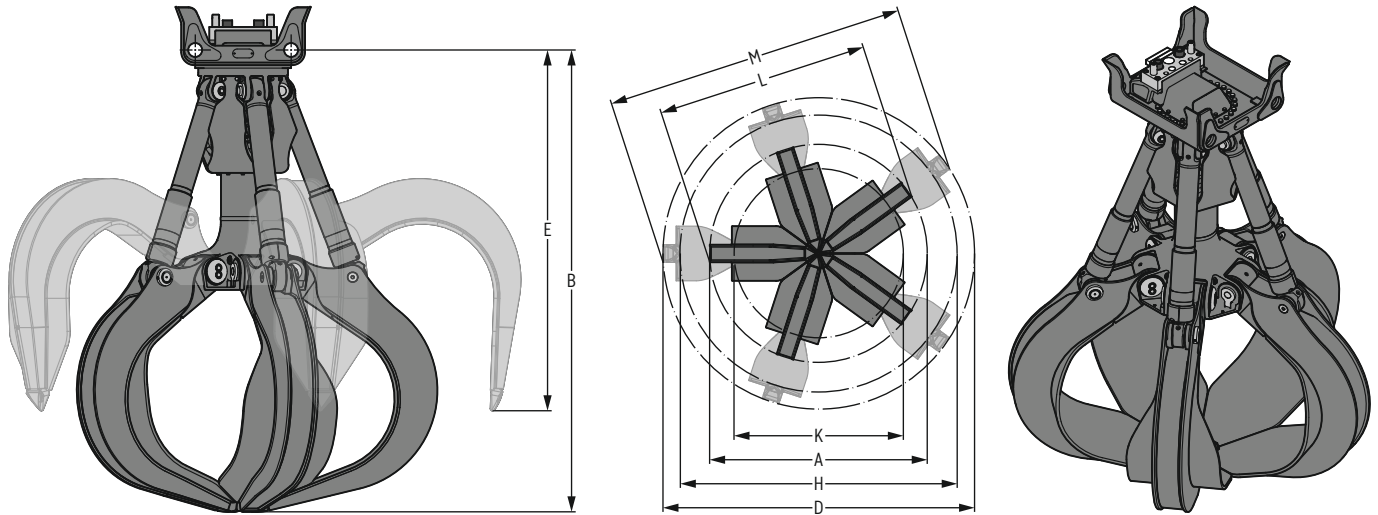
²⁾ with direct mounting

Technical data

Lift capacity max.	Pressure max.	Grab open / close Flow max.	Pressure max.	Grab turning Flow max.	Torque 2 motors 200 cm ³
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Five-tine grab GMM 120-5

Semi-closed tines, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 70-200t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.70	fabricated steel	2,095	2,614	1,575	2,048	3,095	2,056	2,773	2,999	2,575
2.00	fabricated steel	2,224	2,650	1,731	2,173	3,186	2,070	2,835	3,086	2,645
2.50	fabricated steel	2,322	2,755	1,830	2,267	3,386	2,113	3,027	3,276	2,755
3.00	fabricated steel	2,426	2,856	1,931	2,362	3,578	2,154	3,211	3,459	2,870

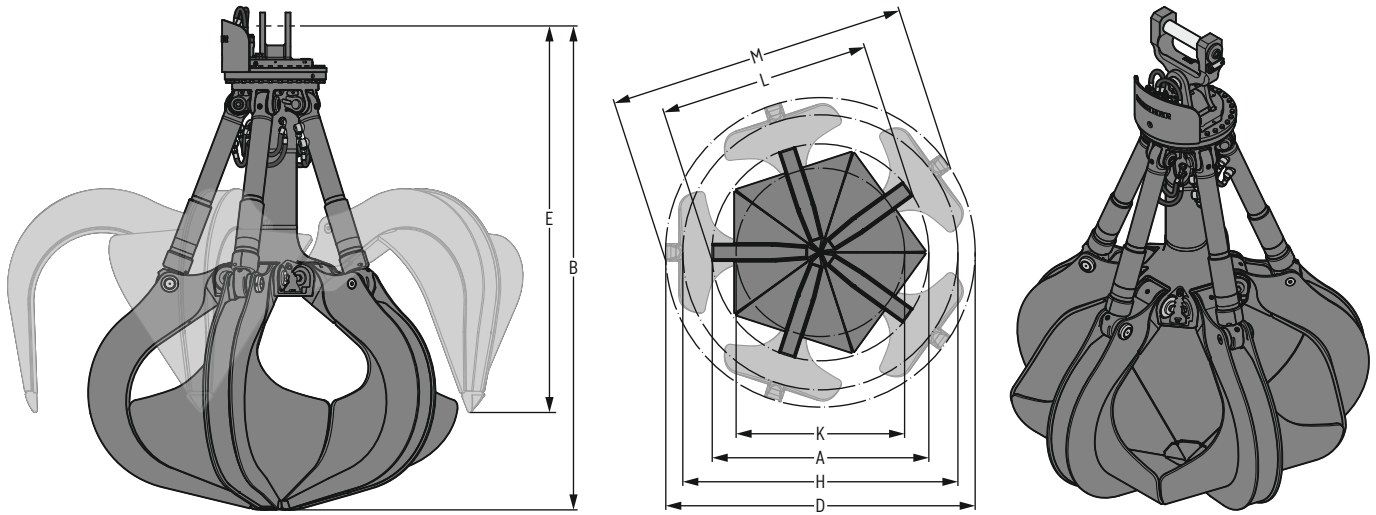
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Five-tine grab GMM 120-5

Closed tines, heart-shaped



Machine range

Liebherr machines

Material handling machine

LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 70-200t

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
1.70	fabricated steel	2,095	2,846	1,575	2,048	3,095	2,288	2,773	2,999	2,840	2,970
2.00	fabricated steel	2,224	2,882	1,731	2,173	3,186	2,302	2,835	3,086	2,980	3,110
2.50	fabricated steel	2,322	2,987	1,830	2,267	3,386	2,345	3,027	3,276	3,135	3,265
3.00	fabricated steel	2,426	3,088	1,931	2,362	3,578	2,386	3,211	3,459	3,540	3,670

¹⁾ dimensions with XHD bearing fork

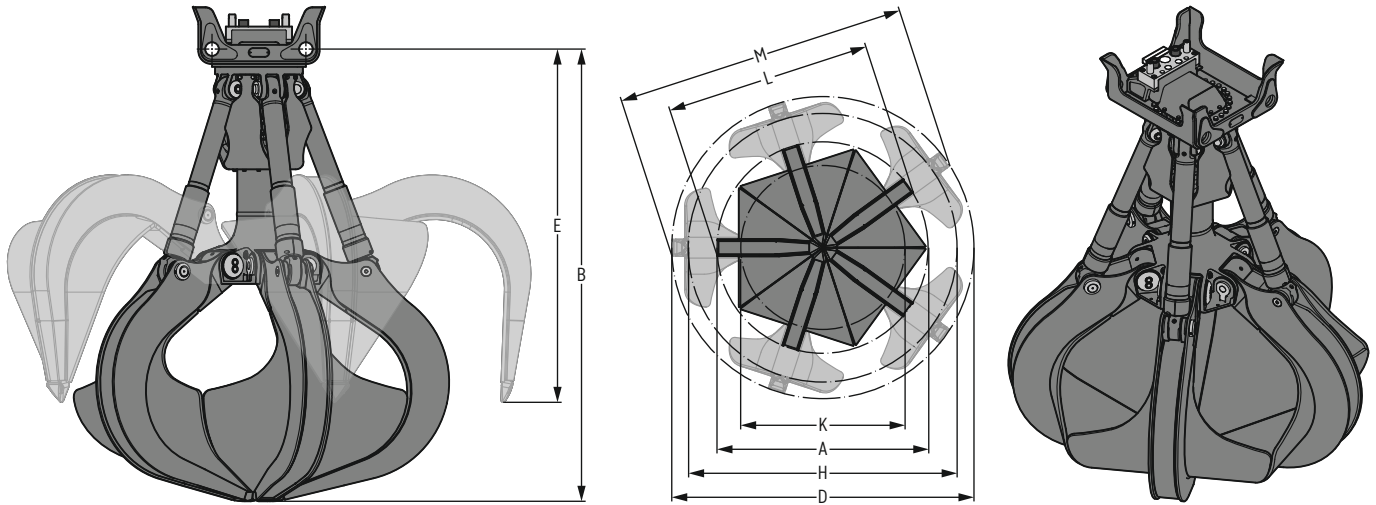
²⁾ with direct mounting

Technical data

Lift capacity max.	Pressure max.	Grab open / close Flow max.	Pressure max.	Grab turning Flow max.	Torque 2 motors 200 cm ³
30t	36 MPa	300l/min.	15 MPa	50l/min.	3.84 kNm

Five-tine grab GMM 120-5

Closed tines, heart-shaped, mounting MH 110¹⁾



Machine range

Liebherr machines

Material handling machine

| LH 80 - LH 150

Other machine makes

Weight class

(see operating manual for exact specification)

| approx. 70-200t

Dimensions / weights

Capacity	Design tine back	Tines closed				Tines open				Weight with MH 110 suspension kg
		A	B	K	L	D	E	H	M	
m ³		mm	mm	mm	mm	mm	mm	mm	mm	
1.70	fabricated steel	2,095	2,614	1,575	2,048	3,095	2,056	2,773	2,999	2,790
2.00	fabricated steel	2,224	2,650	1,731	2,173	3,186	2,070	2,835	3,086	2,925
2.50	fabricated steel	2,322	2,755	1,830	2,267	3,386	2,113	3,027	3,276	3,085
3.00	fabricated steel	2,426	2,856	1,931	2,362	3,578	2,154	3,211	3,459	3,490

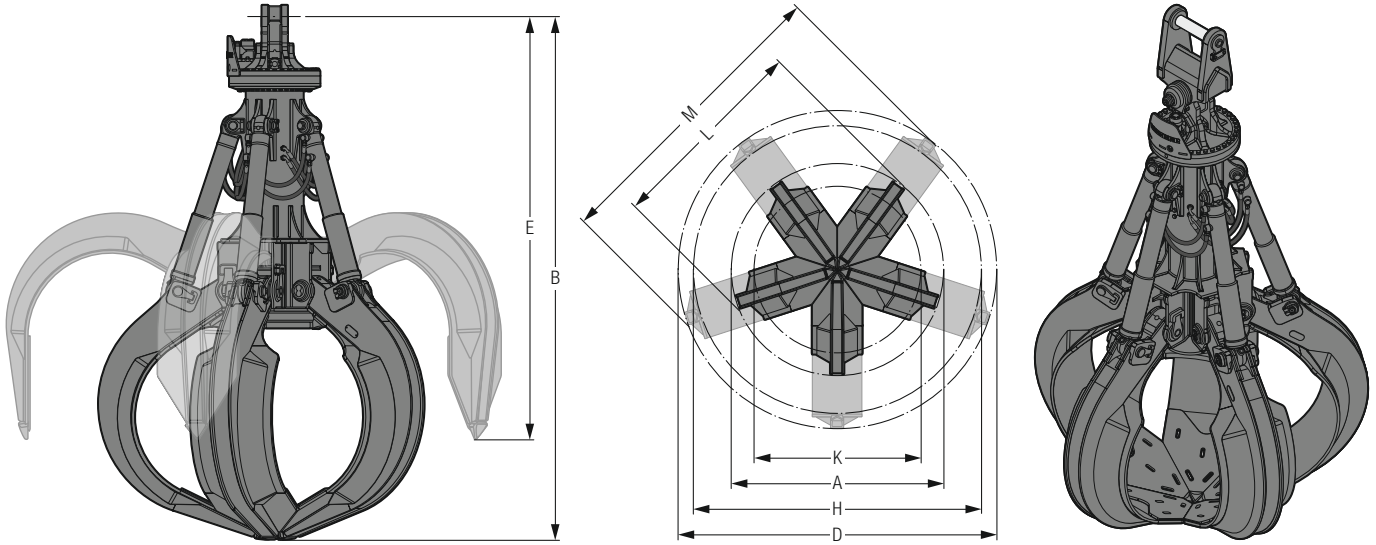
Technical data

Lift capacity max.	Pressure max.	Grab open / close	Flow max.
30t	36 MPa		300l/min.

¹⁾ for all MH 110 versions

Five-tine grab GM 75B

Semi-closed tines



Machine range

Liebherr machines
Material handling machine | LH 110 - LH 150

Other machine makes
Weight class | approx. 100-200 t
(see operating manual for exact specification)

Dimensions¹⁾ / weights²⁾

Capacity	Design tine back	Tines closed				Tines open				Weight	
		A	B	K	L	D	E	H	M	without suspension	with XHD suspension
m ³		mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
3.50	fabricated steel	2,521	3,730	2,000	2,322	3,857	2,939	3,616	3,532	4,387	4,581
3.50 ³⁾	fabricated steel	2,520	3,742	approx. 2,000	2,325	3,856	approx. 2,939	approx. 3,616	3,556	4,415	4,609

¹⁾ dimensions with XHD bearing fork

²⁾ with direct mounting

³⁾ HD version

Technical data

Lift capacity max.	Grab open / close		Grab turning		Torque 1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.	
30t	36 MPa	350 l/min.	15 MPa	50 l/min.	1.68 kNm

Maintainability

The maintenance programme for multi-tine grabs

Liebherr provides a modular maintenance programme for a wide range of multi-tine grabs to ensure that your grab operates reliably at all times. This programme consists of three different kits, each of which consists of a selection of predefined parts. Continuous ongoing developments and all product improvement measures are automatically included in the kit parts. This ensures that the grabs are always state of the art and retain their maximum performance capacity.

Fast, straightforward, easy ordering as all the relevant parts in each kit are grouped under a single part number. The kits also provide predictability for financial planning thanks to the clear, modular fixed prices in addition to the price benefits compared to ordering the parts separately.

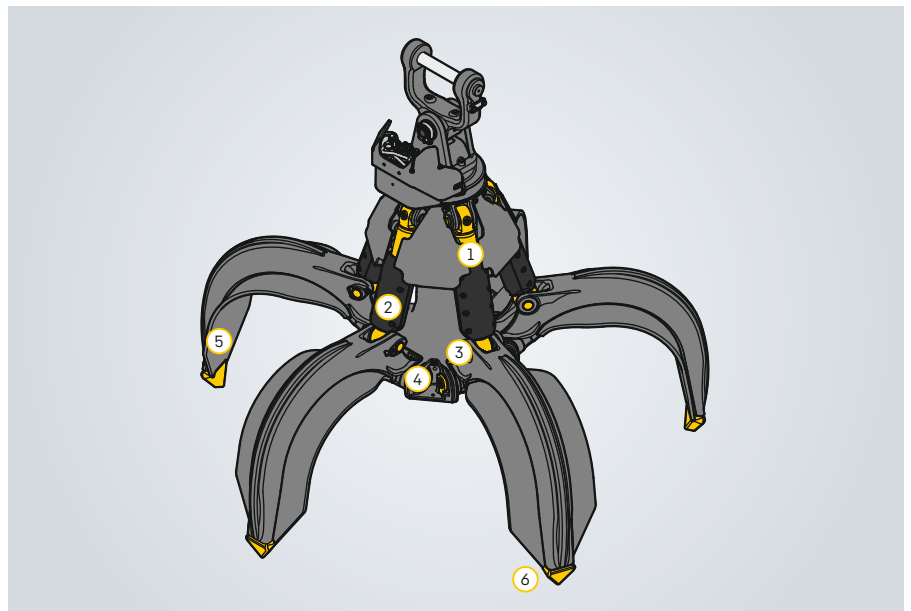
Liebherr's maintenance programme for multi-tine grabs offers everything from a single source for even greater convenience.

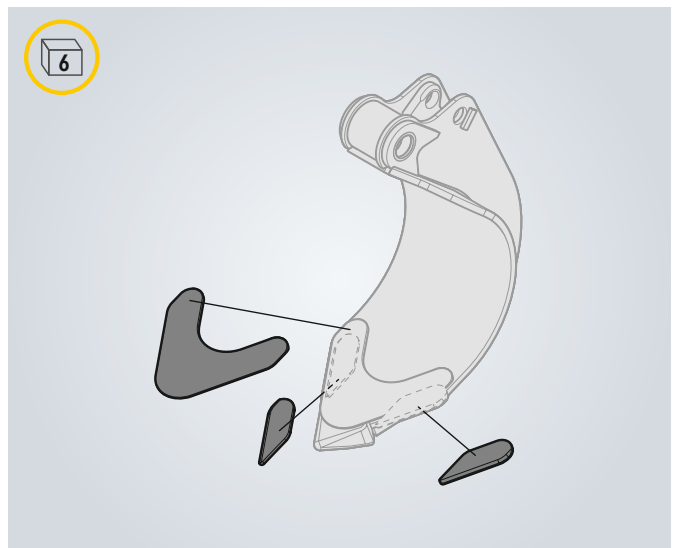
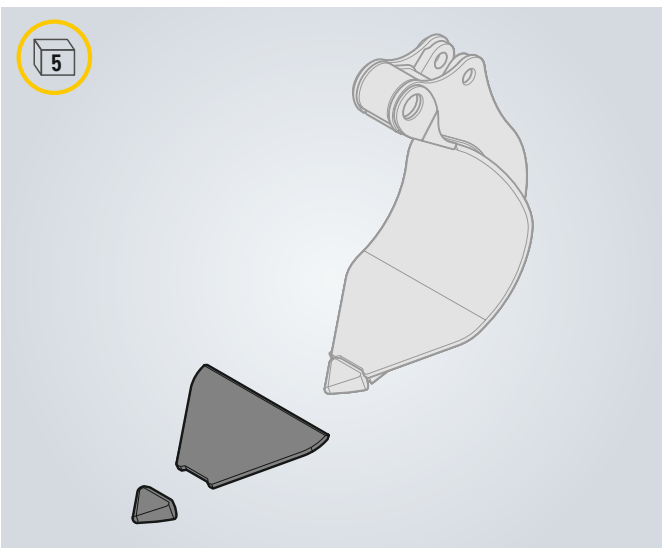
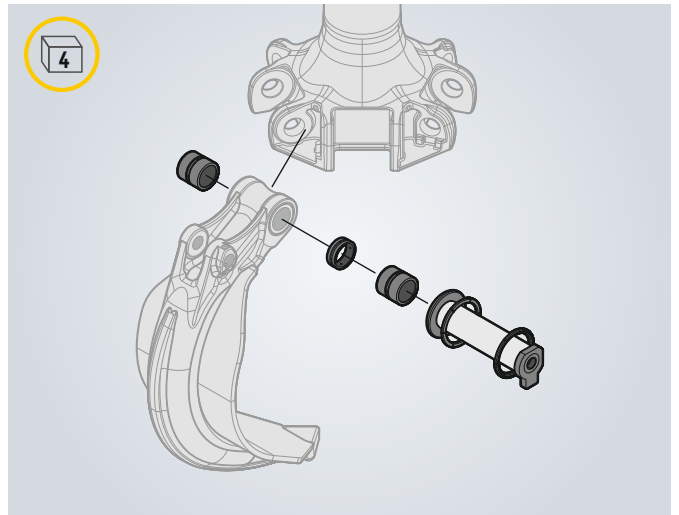
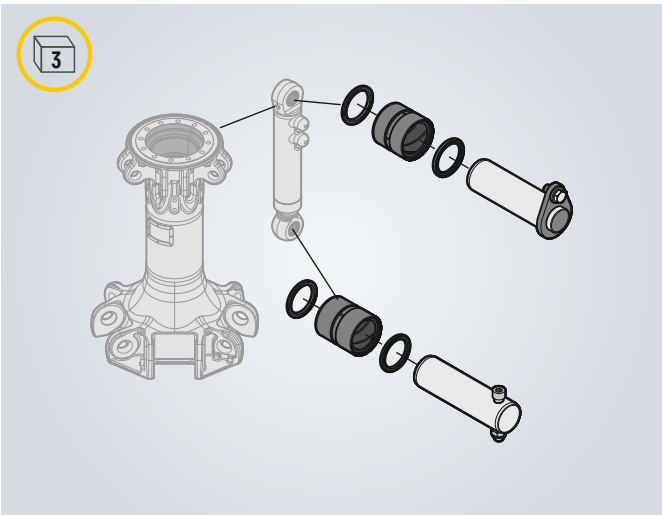
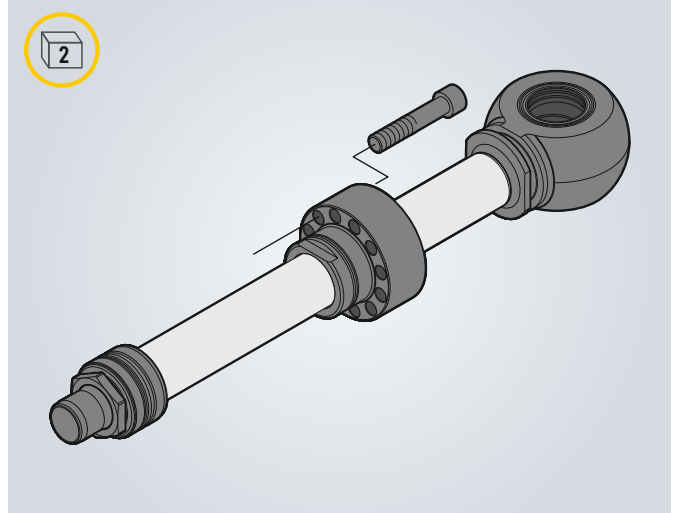
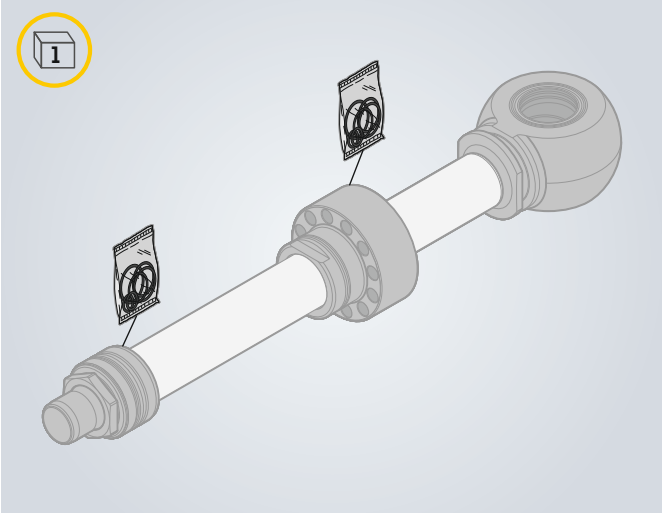
Order, price and availability based on the serial number on the grab via the spare parts shop on MyLiebherr



The new kits in detail:

- ① Seal kit
- ② Piston rod kit
- ③ Cylinder bearing wear parts kit
- ④ Main bearing wear parts kit
- ⑤ Tine wear parts kit
- ⑥ Tine reinforcement kit





Equipment

Suspension

	Four-tine grab GMM 35-4	Four-tine grab GMM 50-4	Four-tine grab GMM 80-4	Four-tine grab GMM 120-4	Five-tine grab GM 55B	Five-tine grab GMM 35-5	Five-tine grab GMM 50-5	Five-tine grab GMM 80-5	Five-tine grab GMM 120-5	Five-tine grab GM 75B
Suspension for direct mounting	●	●	●	●	●	●	●	●	●	●
SW suspension separable for direct mounting	+	+	+	+	+	+	+	+	+	+
Suspension for industrial SWA mechanical	+	+	+	+	+	+	+	+	+	+
Suspension for SW industrial stick (hydraulic)	+	+	+	+	+	+	+	+	+	+
MH 40 Solidlink ¹⁾	+	+			+	+	+			
MH 110 Solidlink ¹⁾		+	+	+				+	+	
Screw couplings	●	●	●	●	●	●	●	●	●	●
Multi coupling	+	+	+	+	+	+	+	+	+	+
SWA 33 mechanical	+				+	+				
SWA 33 hydraulic	+				+	+				
SWA 33 Solidlink	+				+	+				
SWA 48 mechanical	+	+			+	+	+			
SWA 48 hydraulic	+	+			+	+	+			
SWA 48 Solidlink	+	+			+	+	+			
SWA 66 mechanical		+	+	+			+	+	+	+
SWA 66 hydraulic		+	+	+			+	+	+	+
SWA 66 Solidlink		+	+	+			+	+	+	+
SWA 77 mechanical			+	+				+	+	
SWA 77 hydraulic			+	+				+	+	
SWA 77 Solidlink			+	+				+	+	
Tool Management ²⁾	+	+	+	+	+	+	+	+	+	+

Other conventional suspension types for all main machine makes available on request.

Grab

Rotary drive 1 motor 200 cm ³	●	●			●					●
Rotary drive 2 motors 125 cm ³	+	+				+	+			
Rotary drive 2 motors 200 cm ³	●	●	+	+		●	●	+	+	+
Motor guard										
Soft start			+	+				+	+	
Grab extension	+	+	+	+		+	+	+	+	
Cylinder hose protection	●	●	+	+	+	●	●	+	+	
Protection for piston rod	●	●	●	●	●	●	●	●	●	●
Bolt Passfix			+	+				+	+	
Tines stop ⁴⁾										●
Central lubrication fully automatic via carrier machine	+	+				+	+			
Central lubrication fully automatic via pump	+	+				+	+			
Central lubrication manual via combined lubrication point	+	+				+	+			
Load lug ⁶⁾	+	+	+	+	+	+	+	+	+	
Radioactivity measuring system (Cetto) preparation, battery-powered ³⁾	+	+				+	+			
Radioactivity measuring system (Cetto) preparation, power supply through the machine ³⁾	+	+				+	+			
Radioactivity measuring system (RADCOMM) preparation with protective cage, battery-powered ^{3) 4)}	+	+				+	+			
Radioactivity measuring system (RADCOMM) preparation with protective cage, power supply through the machine ^{3) 4)}	+	+				+	+			
Radioactivity measuring system (RADCOMM) preparation, battery-powered ³⁾	+	+	+	+		+	+	+	+	
Radioactivity measuring system (RADCOMM) preparation, power supply through the machine ³⁾	+	+	+	+		+	+	+	+	
Tine reinforcement kit ⁵⁾	+	+	+	+	+	+	+	+	+	+

¹⁾ for all MH 40/MH 110 versions

²⁾ only possible for SWA 48 Solidlink and SWA 66 Solidlink

³⁾ radioactivity meter not included

⁴⁾ not possible with load lug

⁵⁾ not possible for open tines

⁶⁾ Load lug and protective cage not possible in combination

● = Standard, + = Option

Liebherr-Hydraulikbagger GmbH

Liebherrstraße 12 · 88457 Kirchdorf (Iller), Germany · Phone +49 7354 80-0

info.lhb@liebherr.com · www.liebherr.com · www.facebook.com/LiebherrConstruction