

GM 55B – GM 75B

Multi-Tine Grabs

LIEBHERR

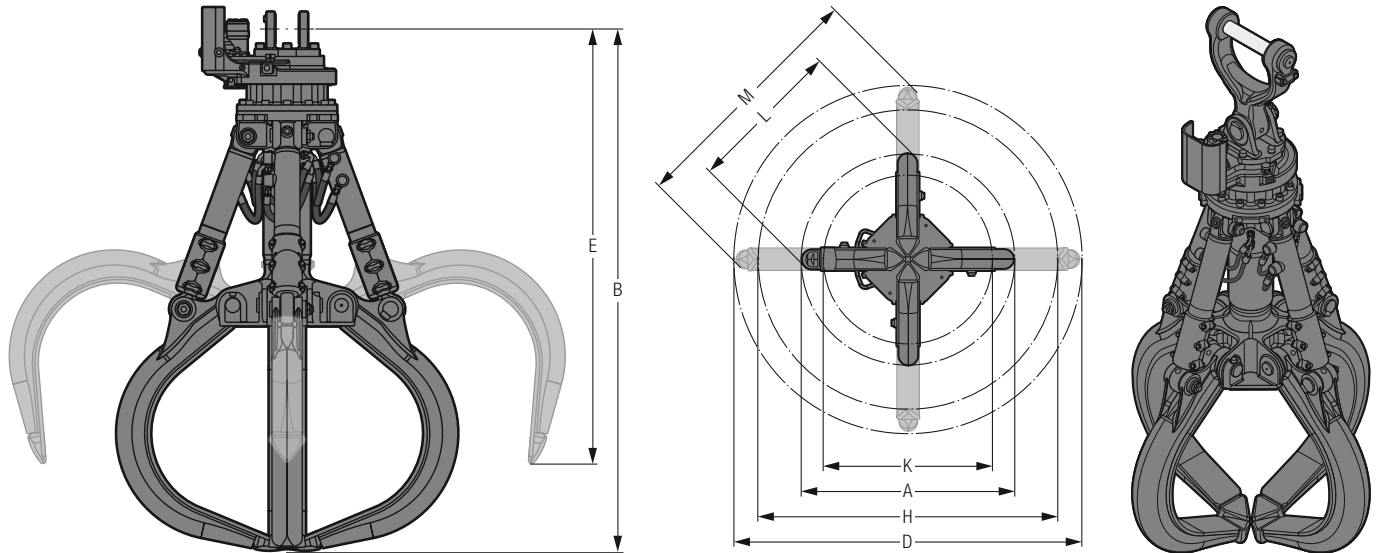
Attachments



Capacity
0.40 – 3.50 m³

Four-Tine Grab GM 64

Open Tines



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed					Tines open				without suspension	Weight	
	A	B	K	L	D	E	H	M	with HD suspension		with XHD suspension	
m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg
0.40	1,271	1,960	991	987	1,978	1,694	1,664	1,487	1,487	740	800	825
0.60	1,410	2,149	1,131	1,034	2,296	1,790	1,991	1,660	1,660	850	910	935

¹⁾ dimensions with HD bearing fork

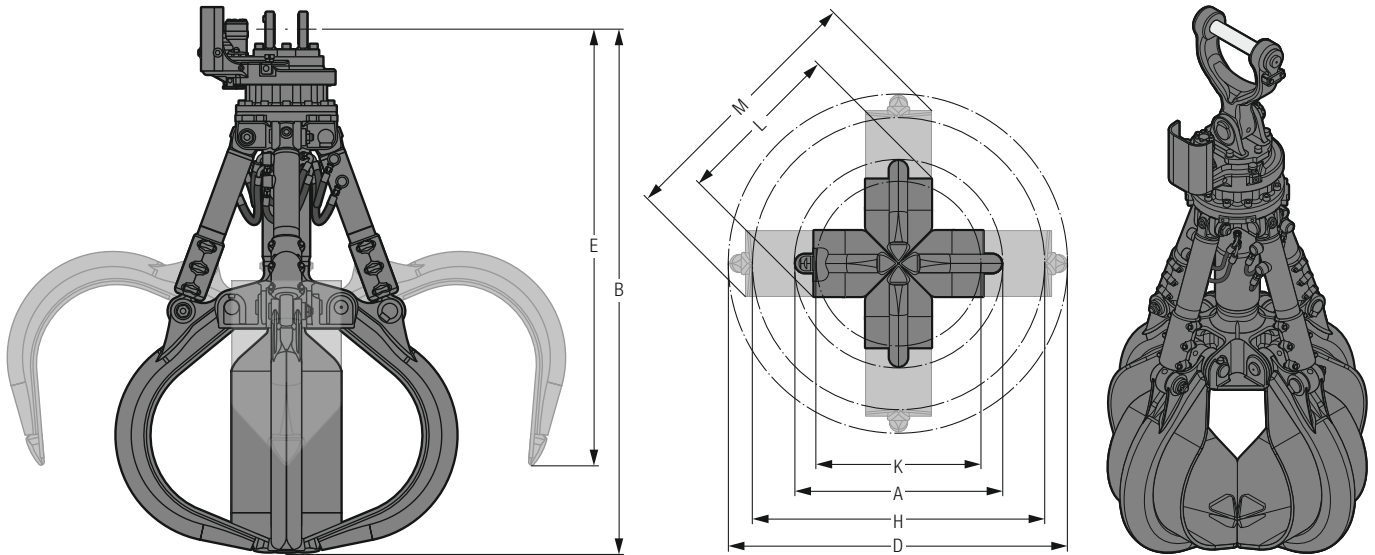
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Four-Tine Grab GM 64

Semi-Closed Tines



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
	A	B	K	L	D	E	H	M			
m ³	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg
0.40	1,271	1,960	1,231	987	1,978	1,694	1,664	1,487	880	940	965
0.60	1,402	2,148	1,122	1,133	2,295	1,791	1,991	1,792	1,000	1,060	1,085

¹⁾ dimensions with HD bearing fork

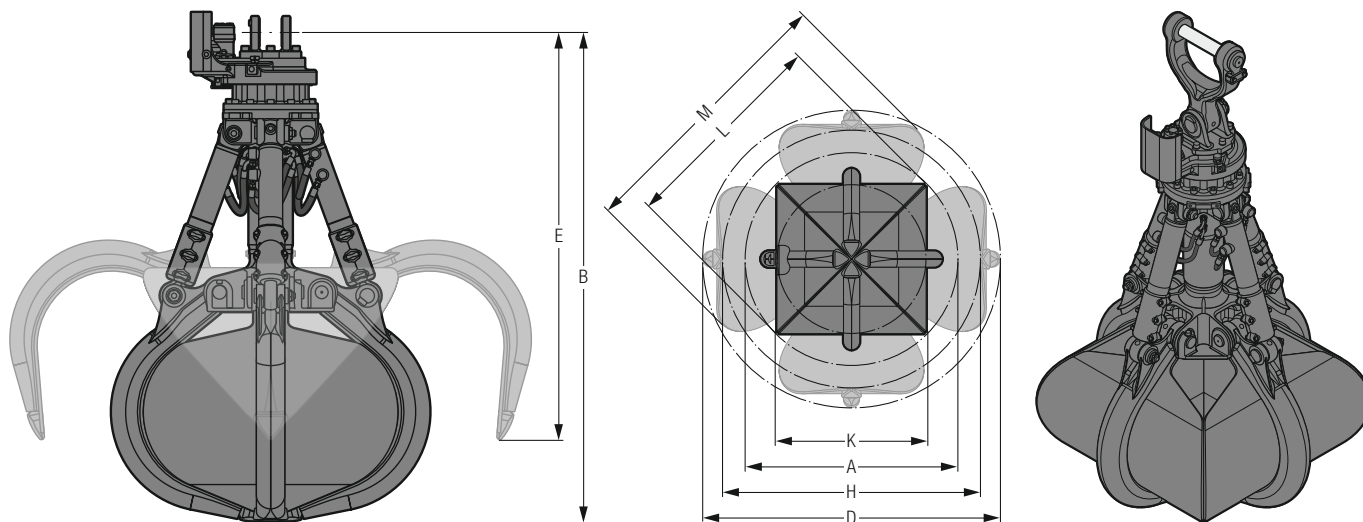
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Four-Tine Grab GM 64

Closed Tines



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed					Tines open				without suspension	Weight	
	A	B	K	L	D	E	H	M	with HD suspension		with XHD suspension	
m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg
0.40	1,254	1,957	944	1,351	1,978	1,694	1,664	1,778	1,778	1,040	1,100	1,125
0.60	1,608	2,148	1,122	1,606	2,295	1,790	1,991	2,126	2,126	1,205	1,265	1,290

¹⁾ dimensions with HD bearing fork

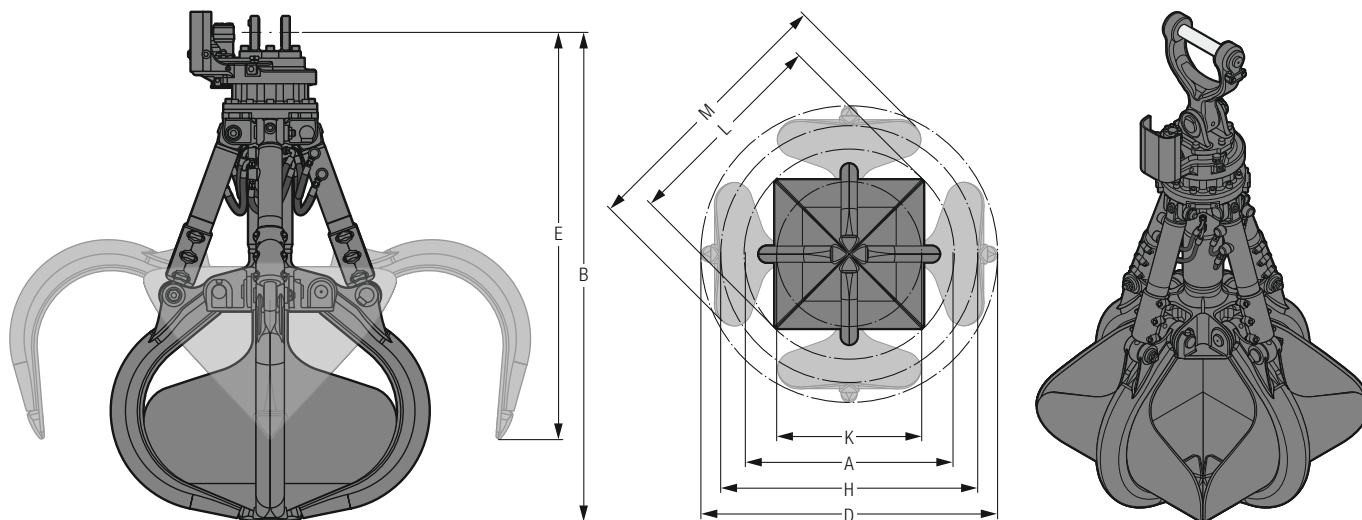
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Four-Tine Grab GM 64

Closed Tines, Heart-Shaped



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed				D	Tines open			without suspension	Weight with HD suspension	with XHD suspension
	A	B	K	L		E	H	M			
0.60 m ³	1,598 mm	2,148 mm	1,122 mm	1,606 mm	2,295 mm	1,790 mm	1,991 mm	2,126 mm	1,115 kg	1,175 kg	1,200 kg

¹⁾ dimensions with HD bearing fork

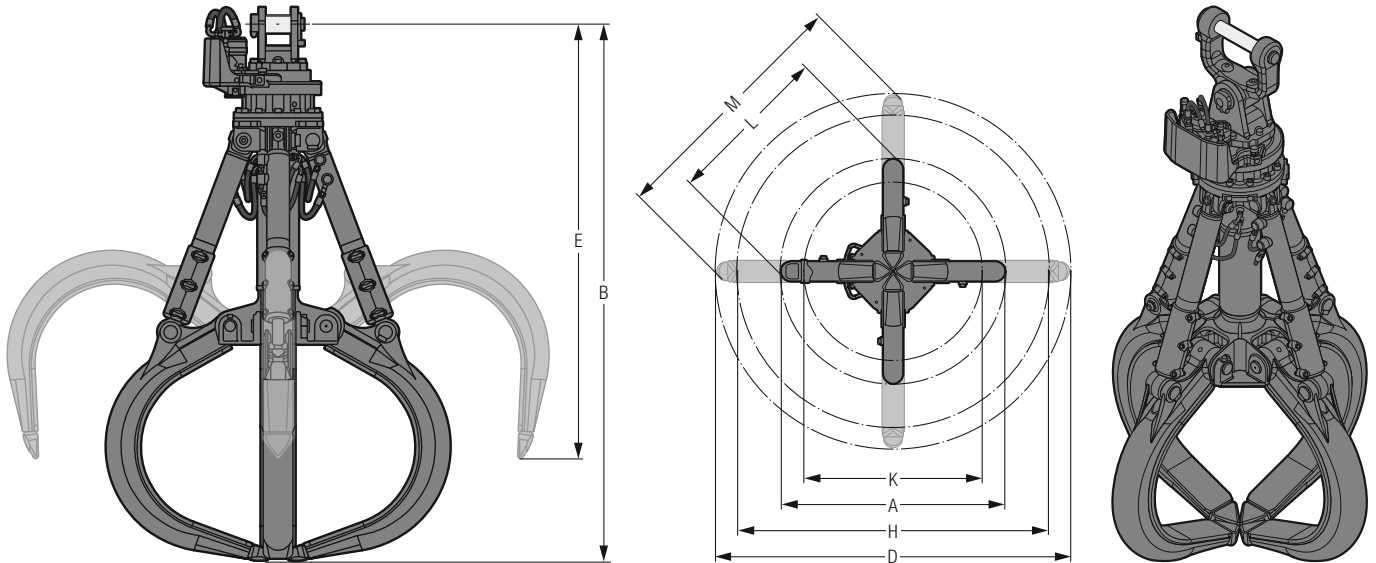
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Pressure max.	Grab turning	Flow max.	2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.						
20 t	36 MPa	250 l/min.	15 MPa		30 l/min.	3.46 kNm		1.73 kNm

Four-Tine Grab GM 69

Open Tines



Machine Range

Material handling machine

LH 40 - LH 50 High Rise

Weight class 35 - 55 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	
0.80	1,615	2,508	1,287	1,183	2,450	2,033	2,243	1,837	1,305	1,390	
1.10	1,769	2,508	1,437	1,345	2,597	2,023	2,255	1,932	1,355	1,435	

¹⁾ dimensions with XHD bearing fork

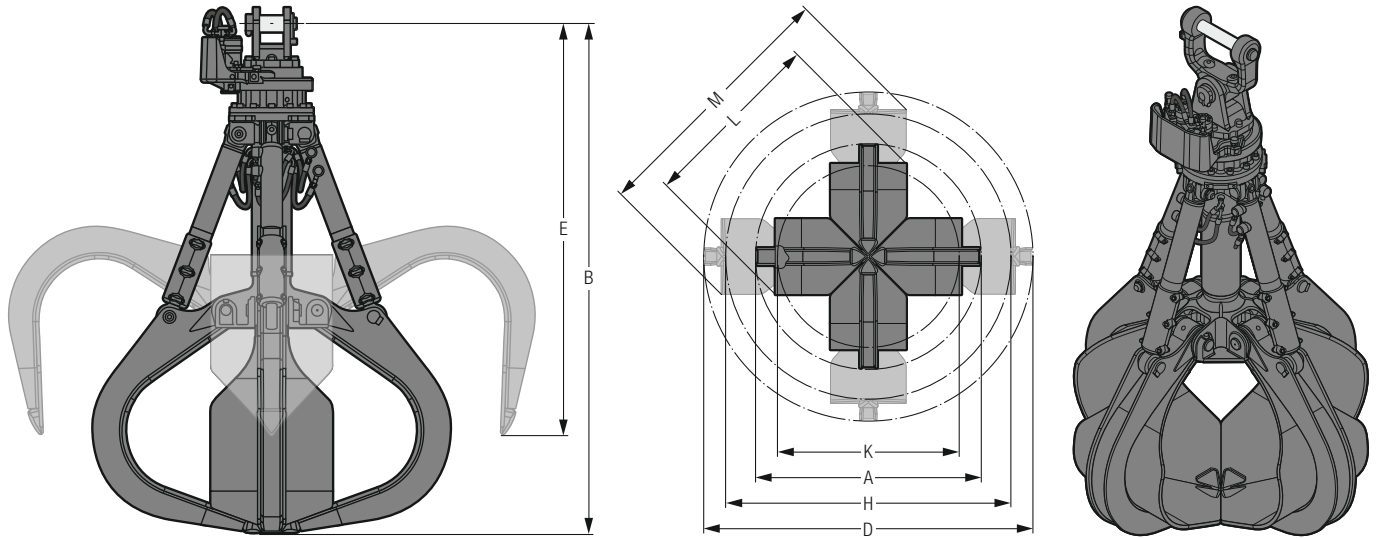
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Four-Tine Grab GM 69

Semi-Closed Tines



Machine Range

Material handling machine

LH 40 - LH 50 High Rise

Weight class 35 - 55 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	
0.80	1,615	2,508	1,287	1,254	2,540	2,033	2,238	1,953	1,495	1,580	
1.10	1,763	2,508	1,437	1,466	2,593	2,023	2,255	2,070	1,610	1,695	

¹⁾ dimensions with XHD bearing fork

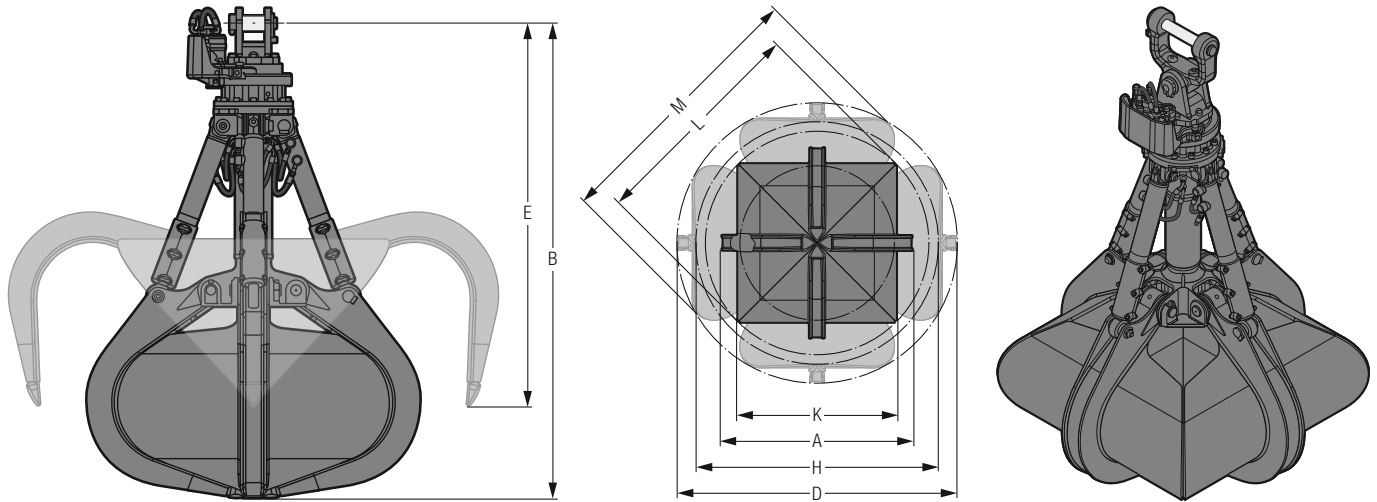
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Four-Tine Grab GM 69

Closed Tines



Machine Range

Material handling machine

LH 40 - LH 50 High Rise

Weight class 35 - 55 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	
0.80	1,613	2,508	1,287	1,845	2,540	2,033	2,238	2,365	1,865	1,945	
1.10	1,766	2,508	1,437	2,059	2,605	2,023	2,255	2,515	2,015	2,100	

¹⁾ dimensions with XHD bearing fork

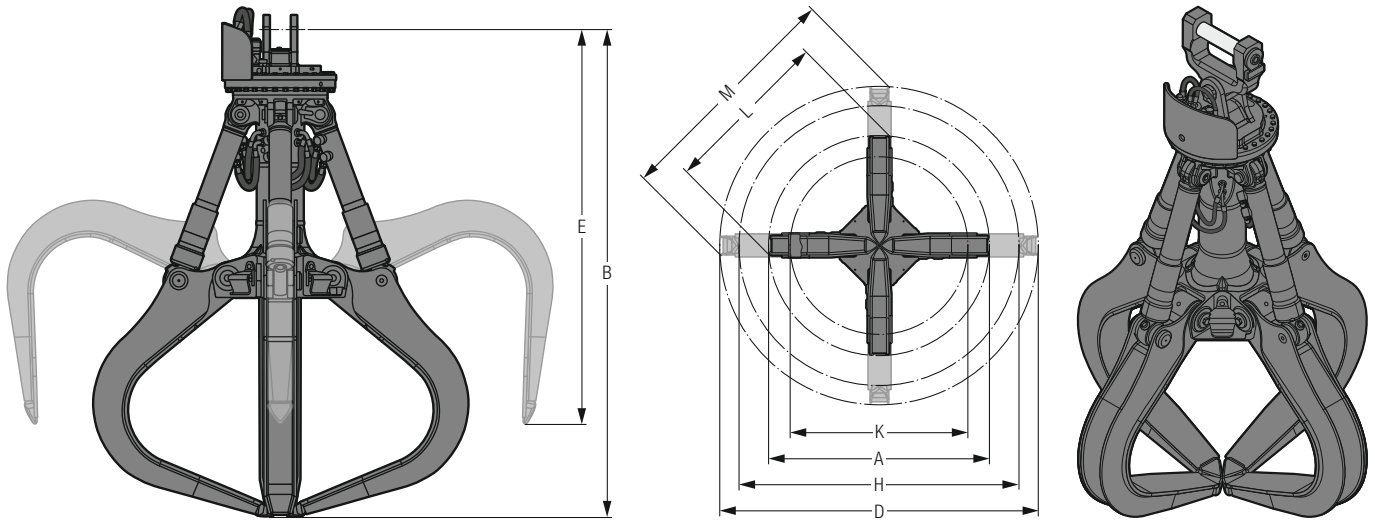
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Four-Tine Grab GMM 80-4

Open Tines



Machine Range

Material handling machine | LH 50 High Rise - LH 80 High Rise | Weight class 45 - 100 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,793	2,538	1,383	1,388	2,713	2,111	2,421	2,042	1,770	1,895
1.40	1,909	2,612	1,528	1,471	2,863	2,612	2,552	2,148	1,810	1,935
1.70	2,063	2,672	1,690	1,586	2,997	2,165	2,662	2,246	1,865	1,995

¹⁾ dimensions with XHD bearing fork

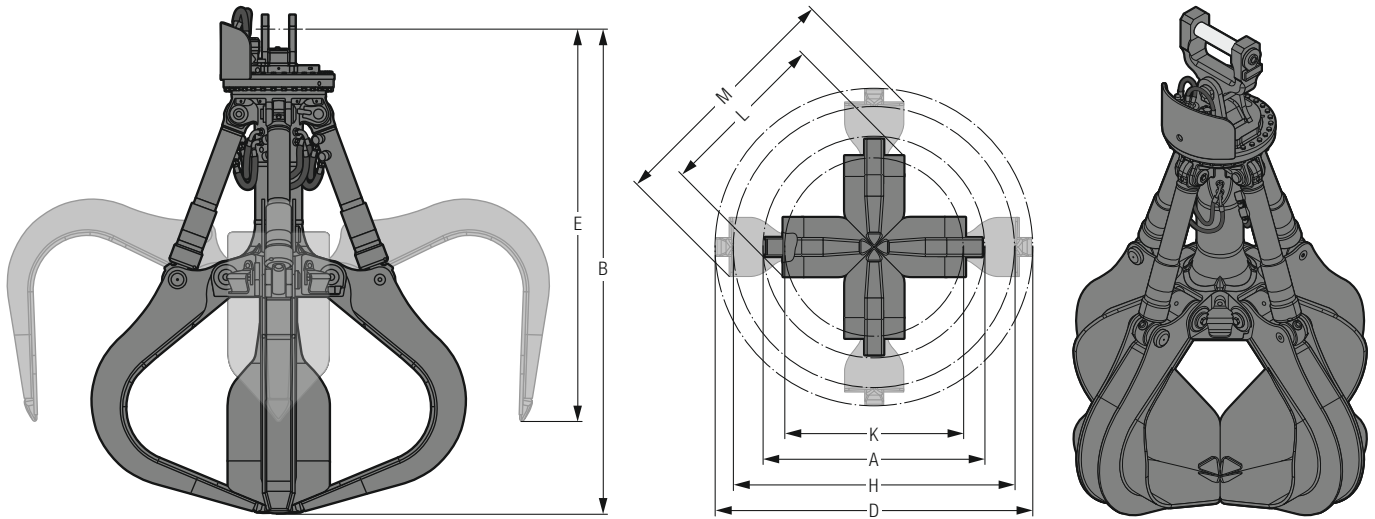
²⁾ with direct mounting

Technical Data

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

Four-Tine Grab GMM 80-4

Semi-Closed Tines



Machine Range

Material handling machine | LH 50 High Rise - LH 80 High Rise | Weight class 45 - 100 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,793	2,540	1,383	1,399	2,713	2,111	2,421	2,156	1,960	2,090
1.40	1,909	2,612	1,528	1,502	2,863	2,140	2,552	2,253	2,020	2,150
1.70	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

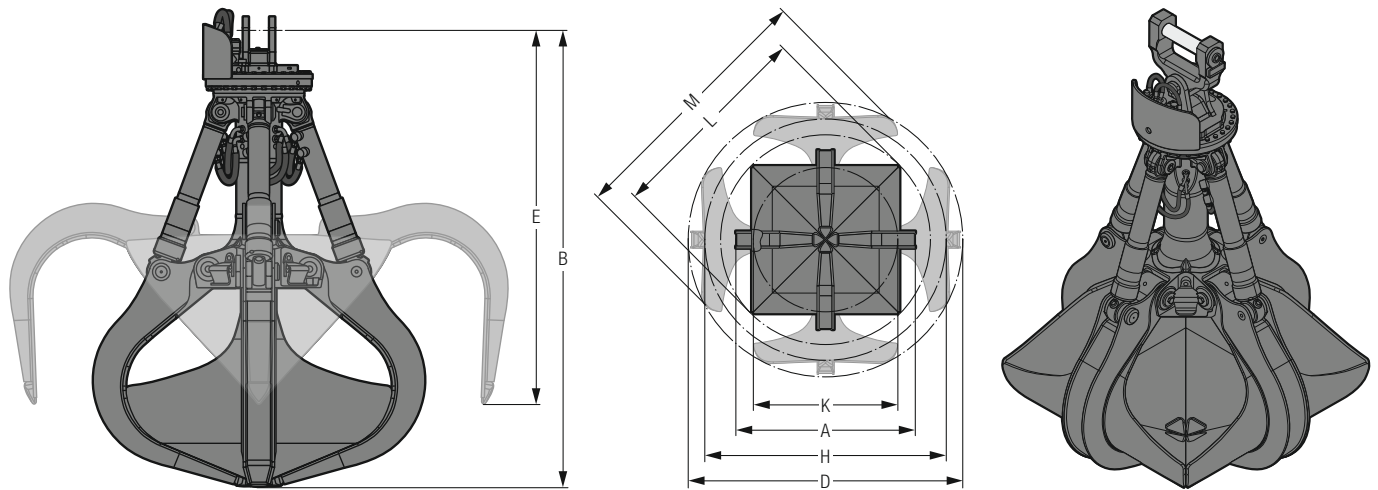
²⁾ with direct mounting

Technical Data

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

Four-Tine Grab GMM 80-4

Closed Tines, Heart-Shaped



Machine Range

Material handling machine | LH 50 High Rise - LH 80 High Rise | Weight class 45 - 100 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,909	2,612	1,528	2,180	2,904	2,141	2,552	2,771	2,275	2,405	
1.70	2,063	2,672	1,725	2,414	3,099	2,165	2,708	2,996	2,430	2,560	

¹⁾ dimensions with XHD bearing fork

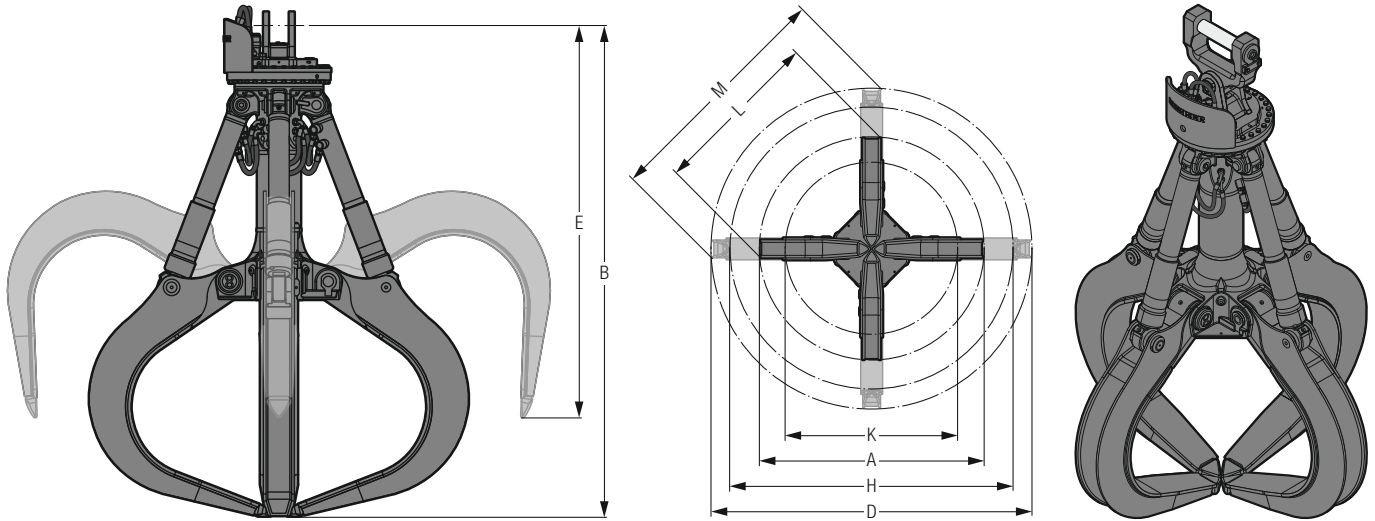
²⁾ with direct mounting

Technical Data

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

Four-Tine Grab GMM 120-4

Open Tines



Machine Range

Material handling machine

LH 80 - LH 150

Weight class 70 - 200 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	2,098	2,846	1,575	1,605	3,095	2,288	2,773	2,316	2,025	2,155	
2.00	2,224	2,880	1,731	1,700	3,186	2,302	2,835	2,380	2,070	2,200	
2.50	2,329	2,985	1,830	1,769	3,386	2,345	3,027	2,521	2,125	2,255	
3.00	2,426	3,086	1,931	1,838	3,583	2,386	3,211	2,657	2,175	2,305	

¹⁾ dimensions with XHD bearing fork

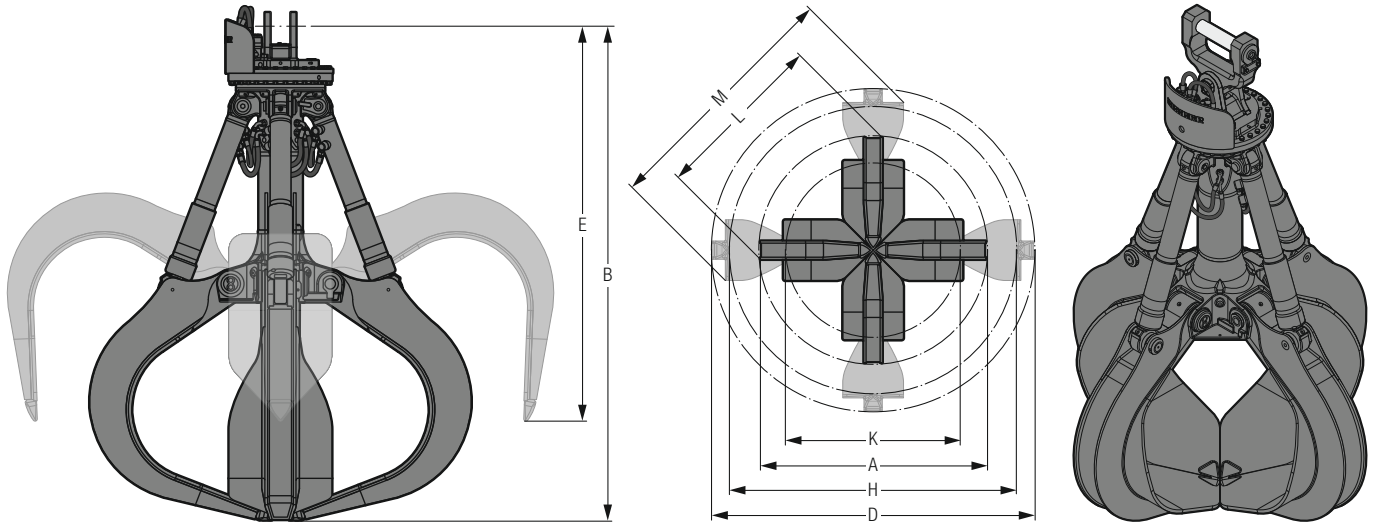
²⁾ with direct mounting

Technical Data

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

Four-Tine Grab GMM 120-4

Semi-Closed Tines



Machine Range

Material handling machine

LH 80 - LH 150

Weight class 70 - 200 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	2,095	2,846	1,575	1,603	3,095	2,288	2,773	2,437	2,285	2,415	
2.00	2,224	2,882	1,731	1,698	3,186	2,302	2,835	2,487	2,340	2,470	
2.50	2,322	2,987	1,830	1,768	3,386	2,345	3,027	2,624	2,430	2,560	
3.00	2,426	3,088	1,931	1,838	3,578	2,386	3,211	2,757	2,525	2,655	

¹⁾ dimensions with XHD bearing fork

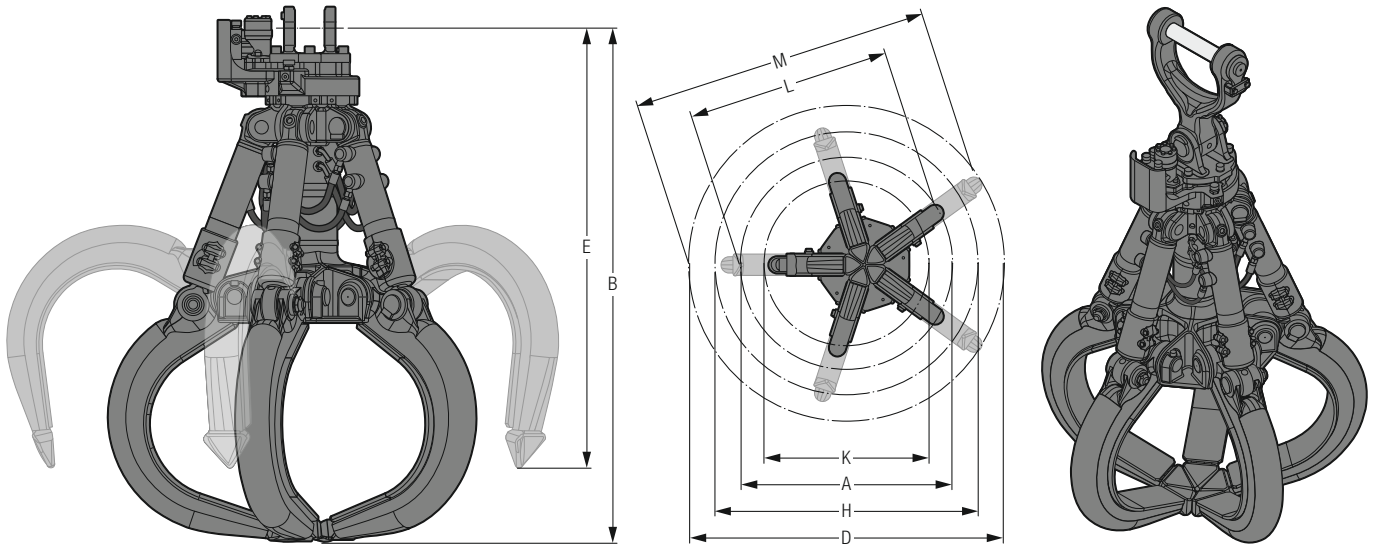
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GM 55B

Open Tines



Machine Range

Material handling machine

LH 18 - LH 22

Weight class 18 - 23 t

Dimensions¹⁾ / Weights²⁾

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

¹⁾ dimensions with HD bearing fork

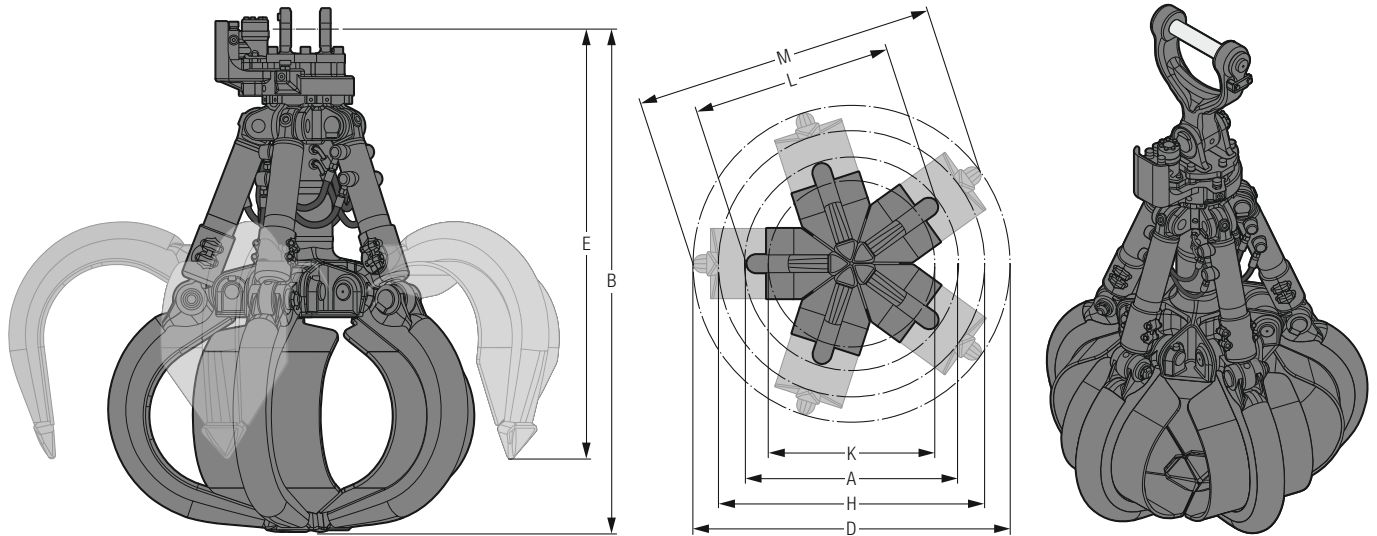
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GM 55B

Semi-Closed Tines



Machine Range

Material handling machine

LH 18 - LH 22

Weight class 18 - 23 t

Dimensions¹⁾ / Weights²⁾

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

¹⁾ dimensions with HD bearing fork

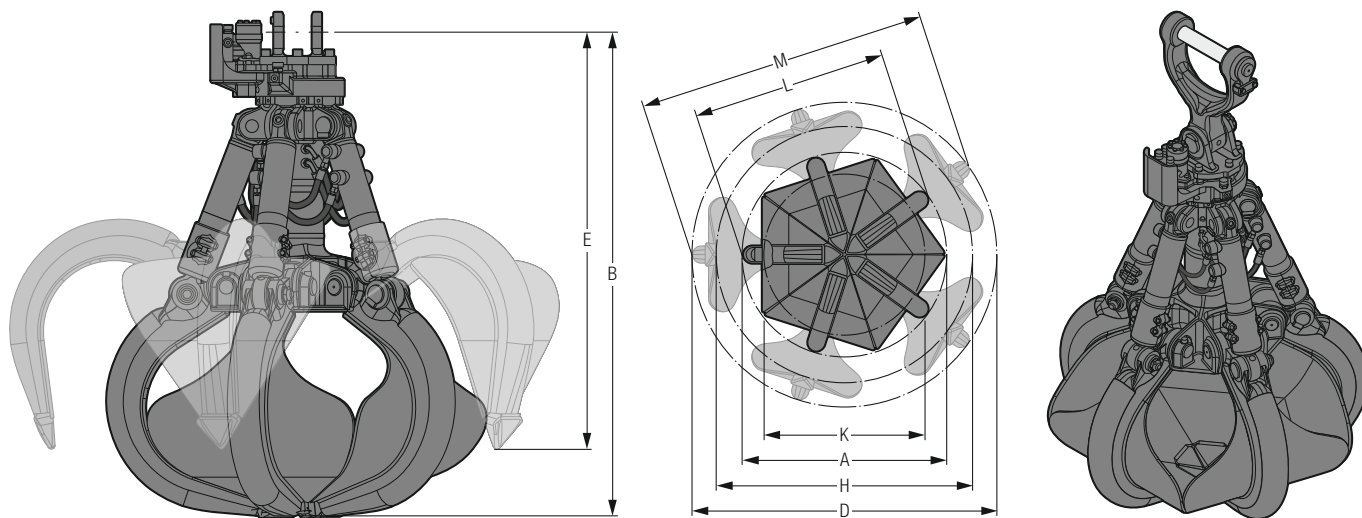
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GM 55B

Closed Tines, Heart-Shaped



Machine Range

Material handling machine

LH 18 - LH 22

Weight class 18 - 23 t

Dimensions¹⁾ / Weights²⁾

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

¹⁾ dimensions with HD bearing fork

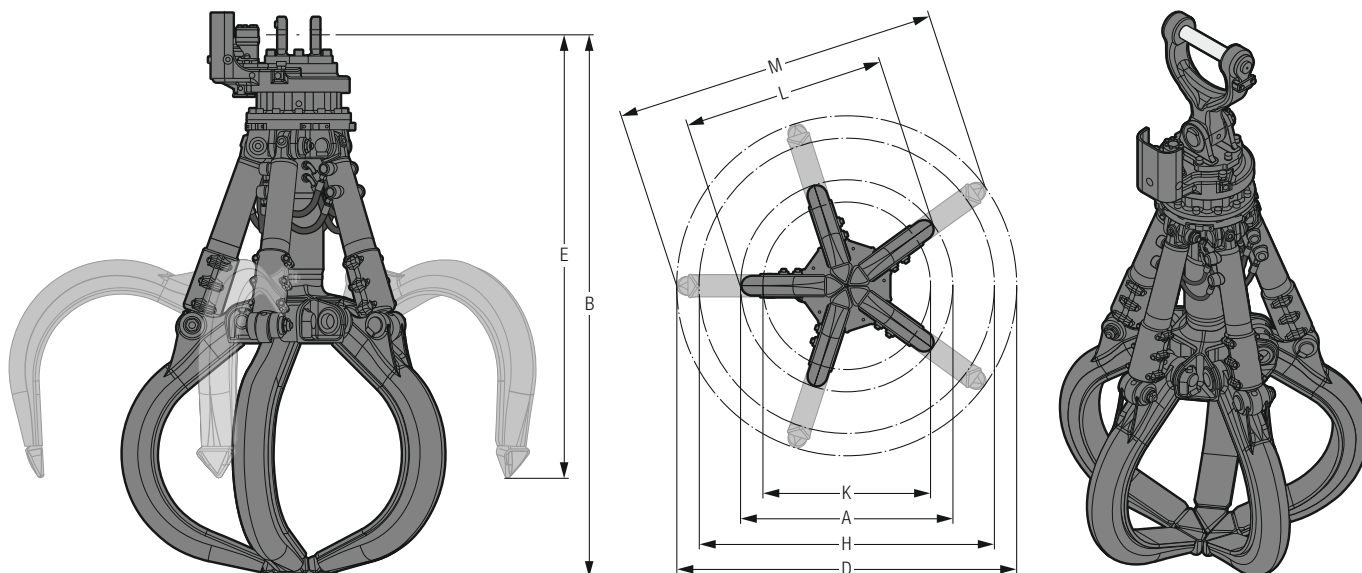
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GM 65

Open Tines



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed				D	Tines open				without suspension	Weight	
	A	B	K	L		E	H	M	with HD suspension		with XHD suspension	
m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg
0.40	1,186	1,961	991	1,247	1,993	1,674	1,699	1,930	1,115	1,175	1,200	
0.60	1,410	2,150	1,131	1,342	2,295	1,765	1,991	2,195	1,250	1,310	1,335	

¹⁾ dimensions with HD bearing fork

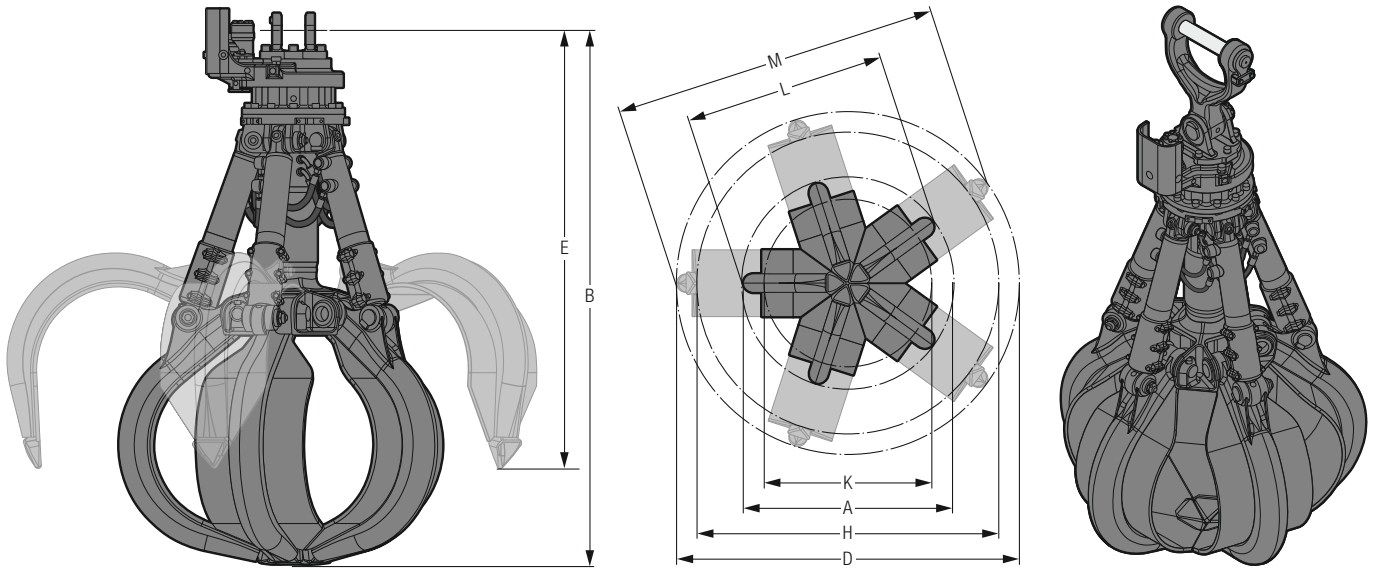
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Pressure max.	Grab turning	Flow max.	2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.						
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm		

Five-Tine Grab GM 65

Semi-Closed Tines



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
	A	B	K	L	D	E	H	M			
m ³	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg
0.40	1,274	1,961	991	1,248	1,991	1,674	1,709	1,930	1,290	1,350	1,375
0.60	1,408	2,150	1,128	1,339	2,308	1,765	2,033	2,195	1,430	1,490	1,515

¹⁾ dimensions with HD bearing fork

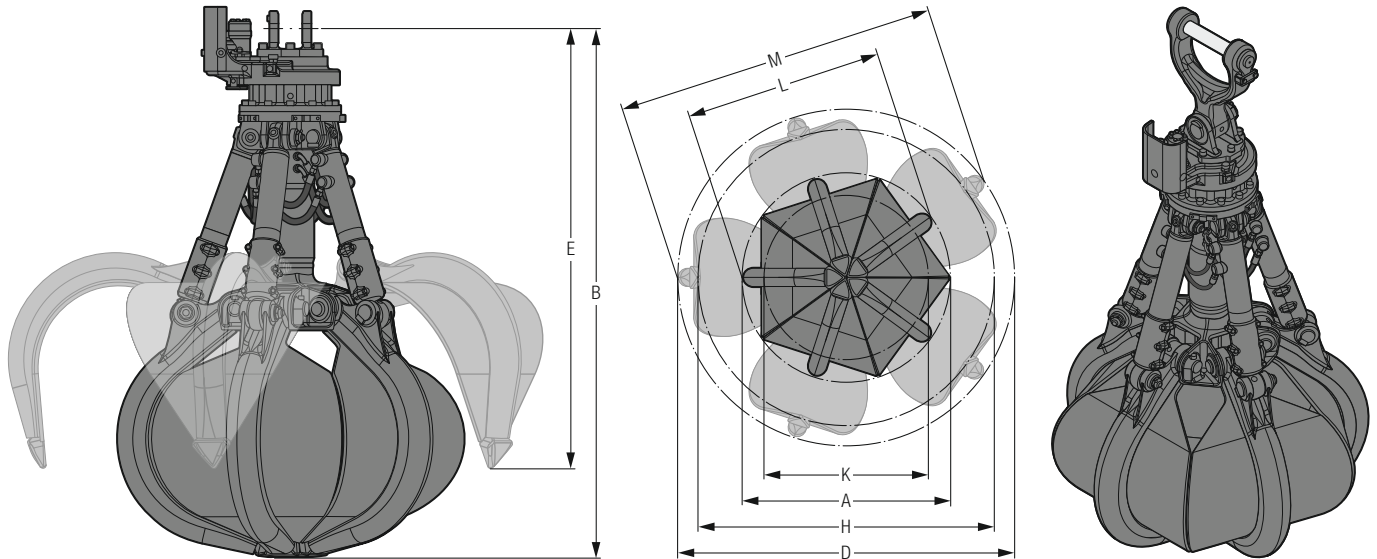
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Five-Tine Grab GM 65

Closed Tines



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed				Tines open				without suspension	Weight with HD suspension	with XHD suspension
	A	B	K	L	D	E	H	M			
m ³	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	kg
0.40	1,260	1,958	947	1,234	1,991	1,674	1,699	1,930	1,305	1,365	1,390
0.60	1,415	2,150	1,128	1,345	2,295	1,790	1,991	2,189	1,545	1,605	1,630

¹⁾ dimensions with HD bearing fork

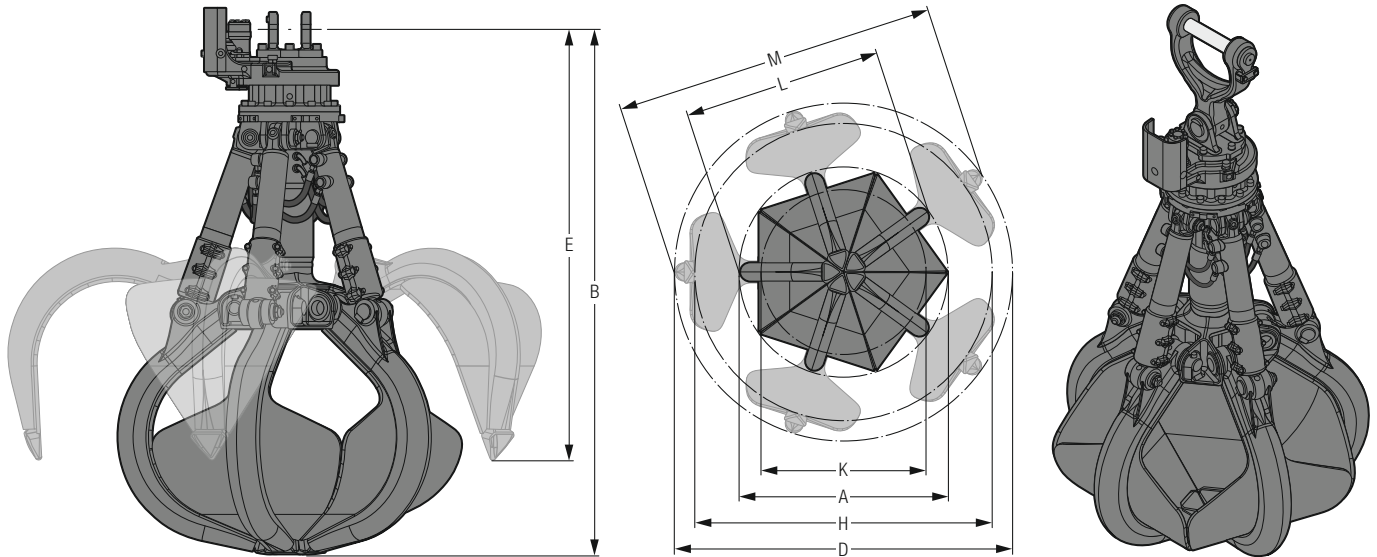
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Grab turning		2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.	Pressure max.	Flow max.			
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm	

Five-Tine Grab GM 65

Closed Tines, Heart-Shaped



Machine Range

Material handling machine

LH 22 - LH 40

Weight class 18 - 40 t

Dimensions¹⁾ / Weights²⁾

Capacity	Tines closed				D	Tines open			without suspension	Weight with HD suspension	with XHD suspension
	A	B	K	L		E	H	M			
0.60 m ³	1,408 mm	2,150 mm	1,128 mm	1,345 mm	2,295 mm	1,790 mm	1,991 mm	2,189 mm	1,445 kg	1,505 kg	1,530 kg

¹⁾ dimensions with HD bearing fork

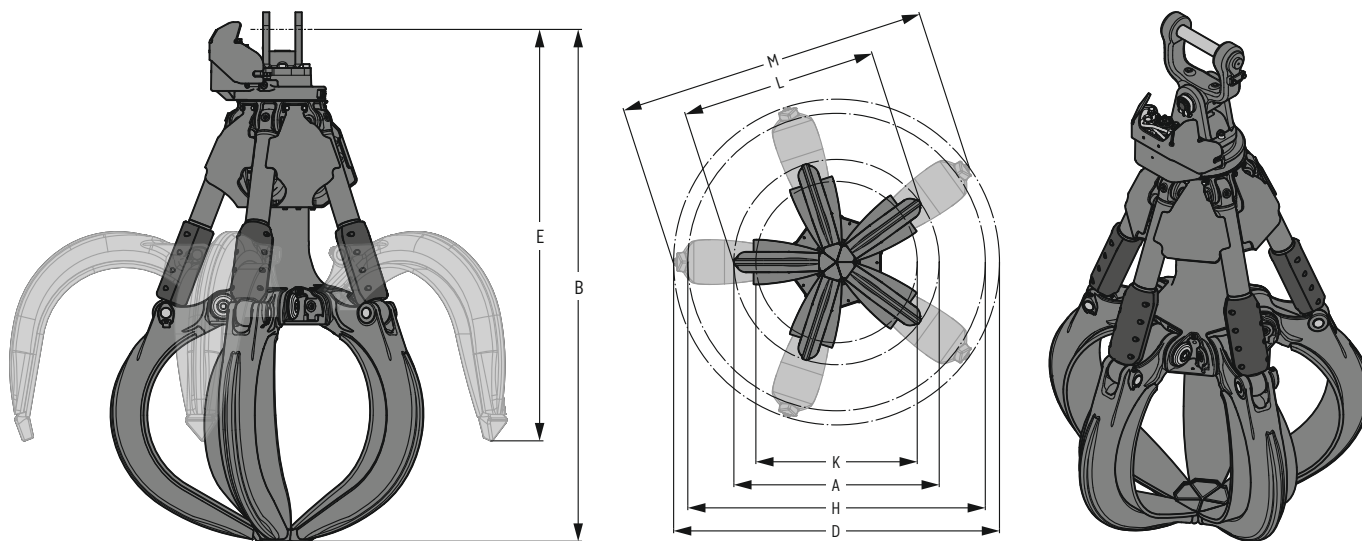
²⁾ with direct mounting

Technical Data

Lift capacity max.	Grab open / close		Pressure max.	Grab turning	Flow max.	2 motors 200 cm ³	Torque	1 motor 200 cm ³
	Pressure max.	Flow max.						
20 t	36 MPa	250 l/min.	15 MPa	30 l/min.	3.46 kNm	1.73 kNm		

Five-Tine Grab GMM 50-5

Open Tines



Machine Range

Material handling machine

LH 40 - LH 50 High Rise

Weight class 35 - 55 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,562	2,265	1,237	1,534	2,265	1,880	2,090	2,205	1,530	1,615
0.90	1,604	2,388	1,260	1,535	2,545	1,921	2,326	2,428	1,670	1,755
1.10	1,725	2,429	1,391	1,692	2,576	1,935	2,398	2,503	1,680	1,765

¹⁾ dimensions with XHD bearing fork

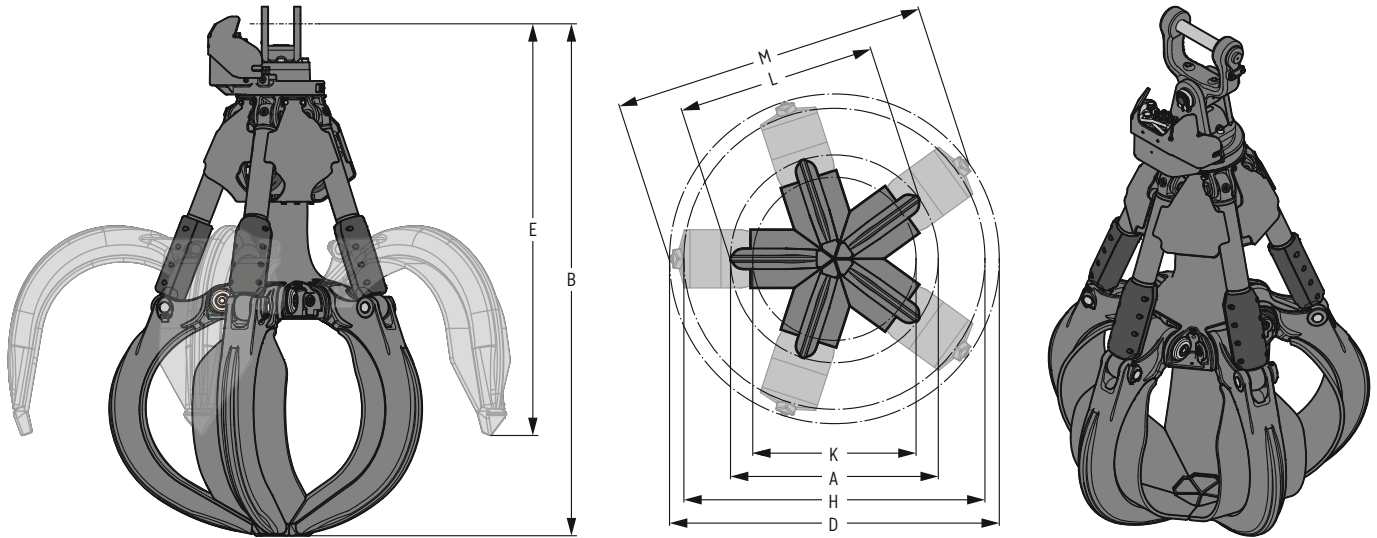
²⁾ with direct mounting

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.			
20 t	38 MPa	250 l/min.	15 MPa	30 l/min.	2.45 kNm	3.84 kNm	

Five-Tine Grab GMM 50-5

Semi-Closed Tines



Machine Range

Material handling machine

LH 40 - LH 50 High Rise

Weight class 35 - 55 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,562	2,265	1,237	1,534	2,265	1,880	2,090	2,205	1,605	1,690	
0.90	1,604	2,388	1,260	1,535	2,545	1,921	2,326	2,428	1,755	1,840	
1.10	1,725	2,429	1,391	1,692	2,576	1,935	2,398	2,503	1,790	1,875	

¹⁾ dimensions with XHD bearing fork

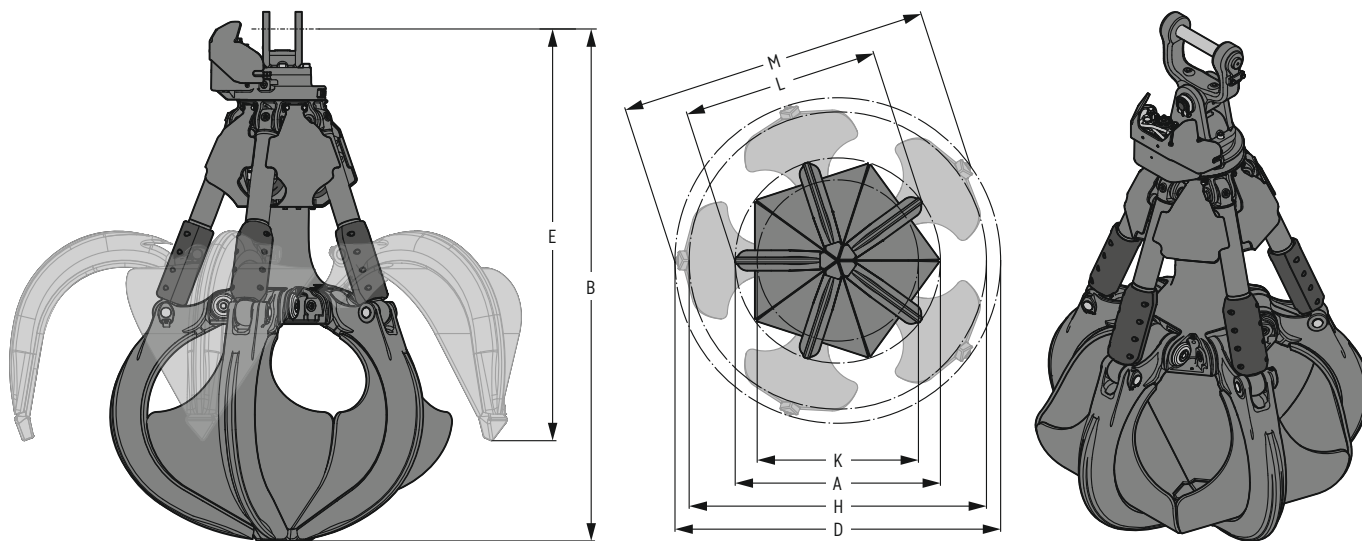
²⁾ with direct mounting

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.			
20 t	38 MPa	250 l/min.	15 MPa	30 l/min.	2.45 kNm	3.84 kNm	

Five-Tine Grab GMM 50-5

Closed Tines, Heart-Shaped



Machine Range

Material handling machine

LH 40 - LH 50 High Rise

Weight class 35 - 55 t

Dimensions¹⁾ / Weights²⁾

Capacity	A	Tines closed				D	E	Tines open		M	Weight	
		B	K	L	H			without suspension	with XHD suspension			
m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg	
0.90	1,604	2,388	1,260	1,534	2,545	1,921	2,326	2,428	2,428	1,860	1,945	
1.10	1,746	2,429	1,391	1,692	2,576	1,935	2,398	2,503	2,503	1,865	1,950	

¹⁾ dimensions with XHD bearing fork

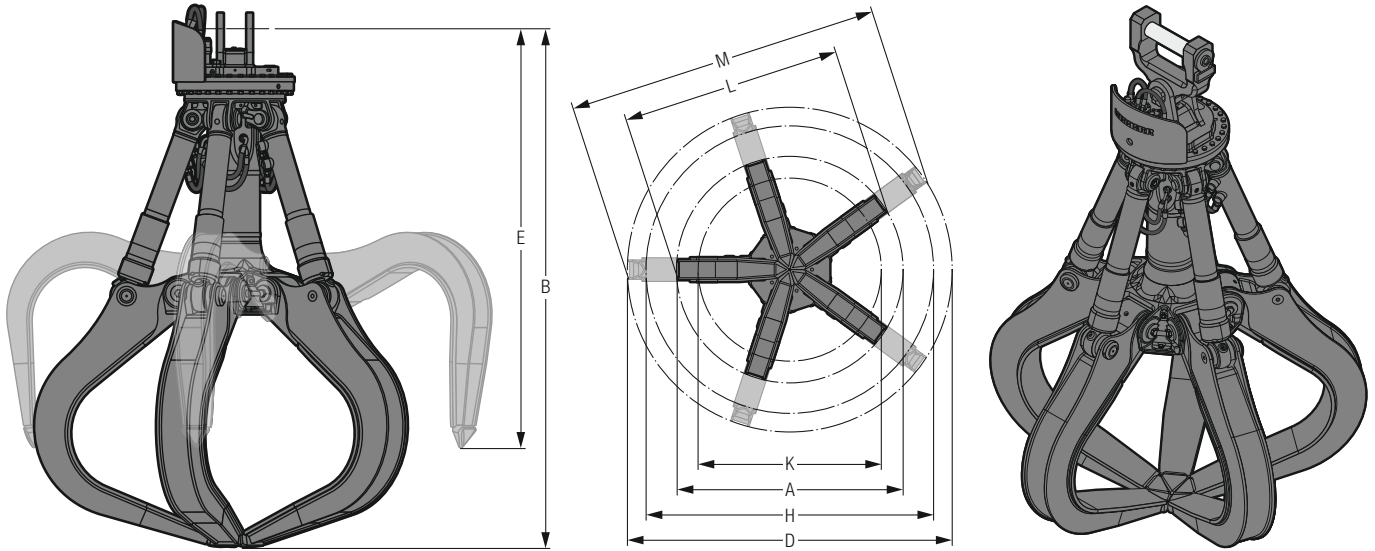
²⁾ with direct mounting

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.			
20 t	38 MPa	250 l/min.	15 MPa	30 l/min.	2.45 kNm	3.84 kNm	

Five-Tine Grab GMM 80-5

Open Tines



Machine Range

Material handling machine | LH 50 High Rise - LH 80 High Rise | Weight class 45 - 100 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,797	2,541	1,373	1,756	2,713	2,111	2,421	2,630	2,040	2,170	
1.40	1,914	2,613	1,533	1,868	2,863	2,140	2,552	2,773	2,090	2,220	
1.70	2,072	2,673	1,695	2,023	3,002	2,165	2,662	2,906	2,165	2,290	

¹⁾ dimensions with XHD bearing fork

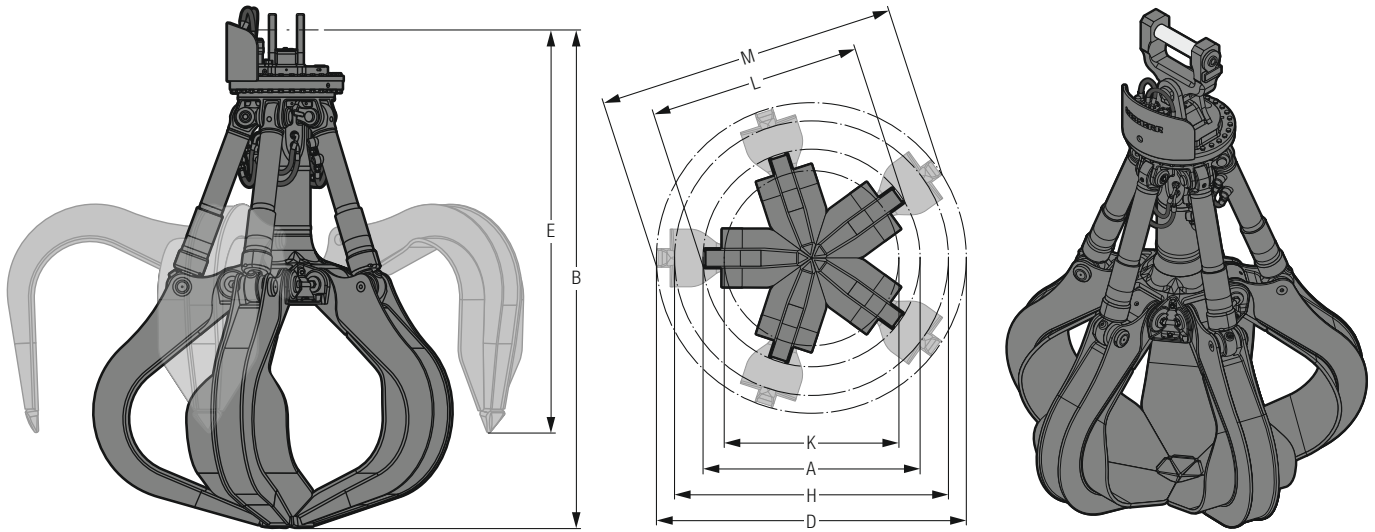
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GMM 80-5

Semi-Closed Tines



Machine Range

Material handling machine | LH 50 High Rise - LH 80 High Rise | Weight class 45 - 100 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,678	2,078	1,308	1,596	2,509	2,430	2,248	2,386	2,110	2,240	
1.10	1,799	2,541	1,373	1,756	2,713	2,111	2,421	2,630	2,265	2,390	
1.40	1,914	2,613	1,533	1,868	2,863	2,140	2,552	2,773	2,335	2,465	
1.70	2,072	2,673	1,695	2,023	3,002	2,165	2,662	2,906	2,410	2,540	

¹⁾ dimensions with XHD bearing fork

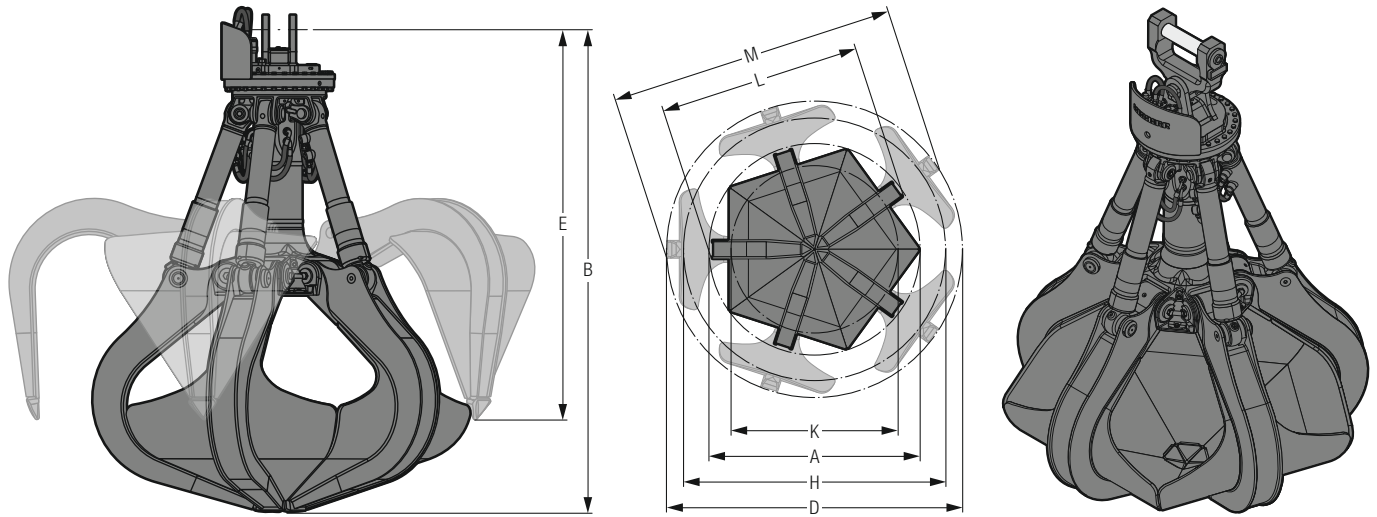
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GMM 80-5

Closed Tines, Heart-Shaped



Machine Range

Material handling machine | LH 50 High Rise - LH 80 High Rise | Weight class 45 - 100 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	1,678	2,430	1,308	1,596	2,509	2,078	2,248	2,386	2,215	2,345	
1.10	1,797	2,541	1,373	1,756	2,713	2,111	2,421	2,630	2,310	2,440	
1.40	1,914	2,613	1,533	1,868	2,863	2,140	2,552	2,906	2,450	2,580	
1.70	2,116	2,673	1,695	2,023	3,002	2,165	2,662	2,906	2,610	2,740	

¹⁾ dimensions with XHD bearing fork

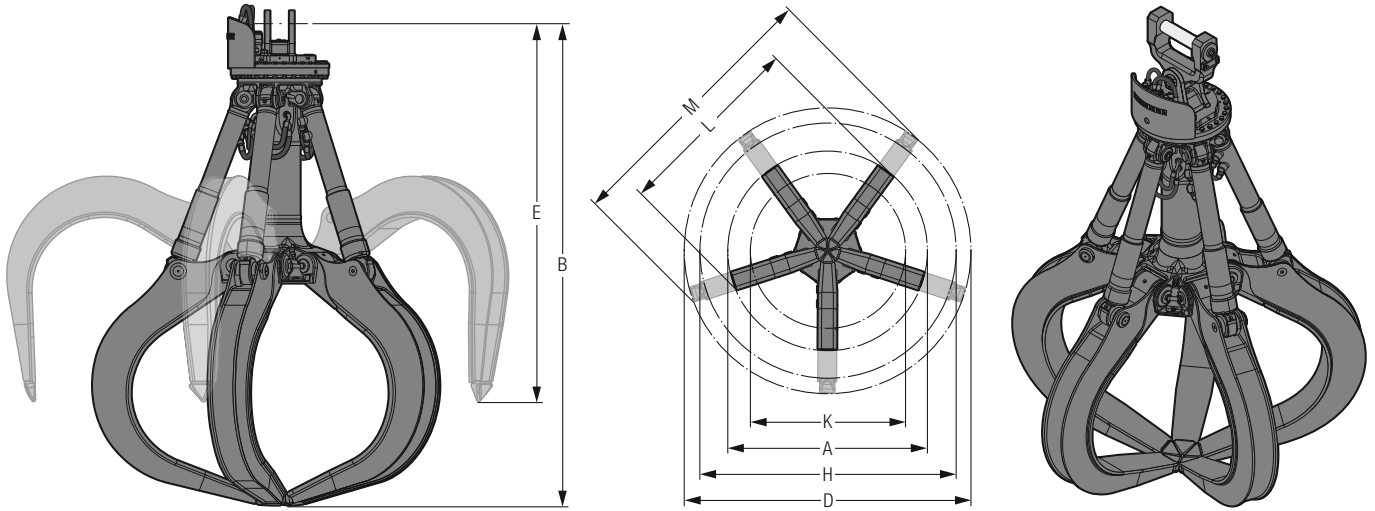
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GMM 120-5

Open Tines



Machine Range

Material handling machine

LH 80 - LH 150

Weight class 70 - 200 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	2,099	2,849	1,582	2,158	3,098	2,288	2,773	2,999	2,355	2,485	
2.00	2,236	2,883	1,736	2,175	3,191	2,302	2,835	3,086	2,410	2,540	
2.50	2,334	2,988	1,841	2,268	3,390	2,345	3,027	3,276	2,480	2,610	
3.00	2,431	3,089	1,961	2,360	3,583	2,386	3,211	3,459	2,545	2,675	

¹⁾ dimensions with XHD bearing fork

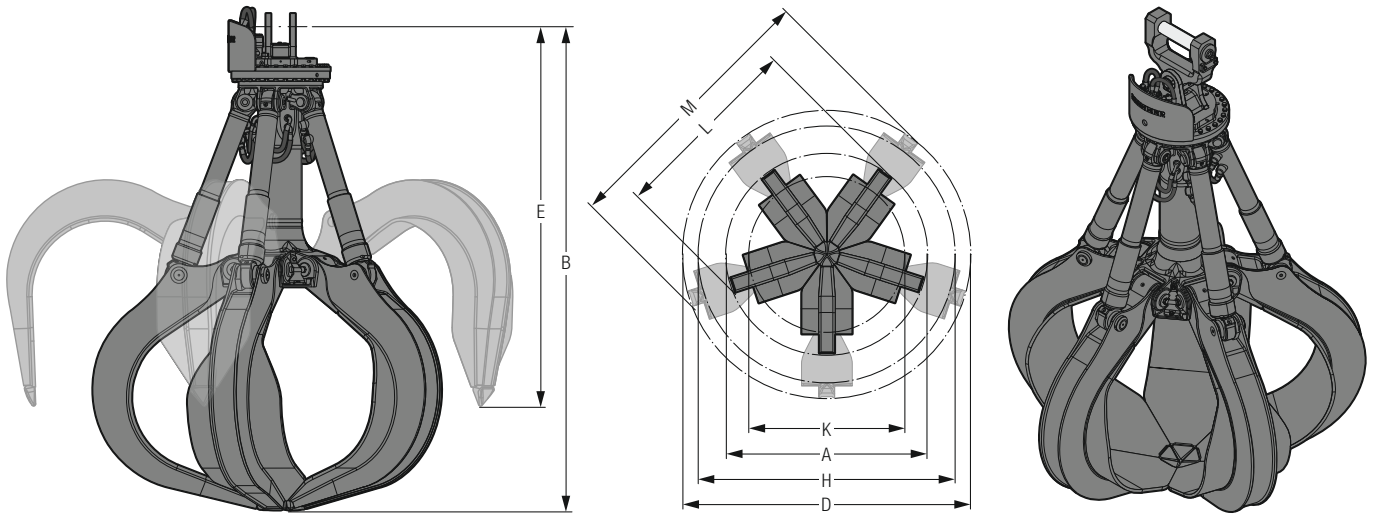
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GMM 120-5

Semi-Closed Tines



Machine Range

Material handling machine

LH 80 - LH 150

Weight class 70 - 200 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	2,102	2,849	1,582	2,048	3,100	2,288	2,773	2,999	2,655	2,785	
2.00	2,236	2,883	1,736	2,173	3,191	2,302	2,835	3,086	2,725	2,850	
2.50	2,334	2,988	1,841	2,267	3,390	2,345	3,027	3,276	2,835	2,965	
3.00	2,431	3,089	1,961	2,362	3,583	2,386	3,211	3,459	2,955	3,085	

¹⁾ dimensions with XHD bearing fork

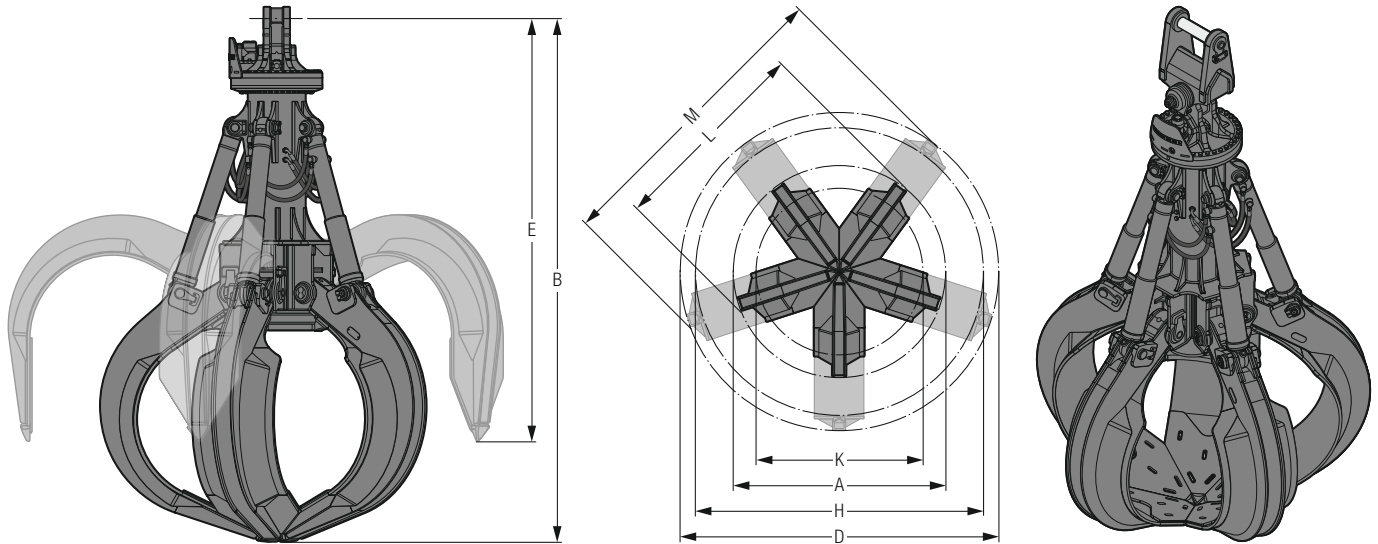
²⁾ with direct mounting

Technical Data

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

Five-Tine Grab GM 75B

Semi-Closed Tines



Machine Range

Material handling machine

LH 110 - LH 150

Weight class 100 - 200 t

Dimensions¹⁾ / Weights²⁾

Capacity	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	2,521	3,730	2,000	2,322	3,857	2,939	3,616	3,532	4,385	4,580	
3,50 ³⁾	2,520	3,742	2,000	2,325	3,856	2,939	3,616	3,556	4,415	4,610	

¹⁾ dimensions with XHD bearing fork

²⁾ with direct mounting

³⁾ HD version

Technical Data

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

Maintainability

The Maintenance Programme for Multiple Tine Grabs

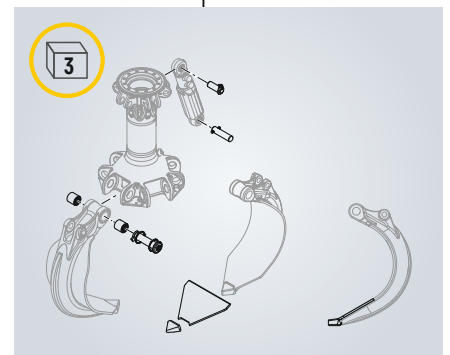
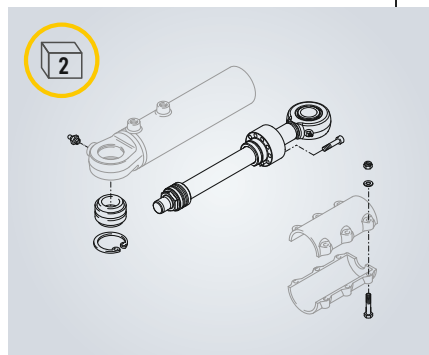
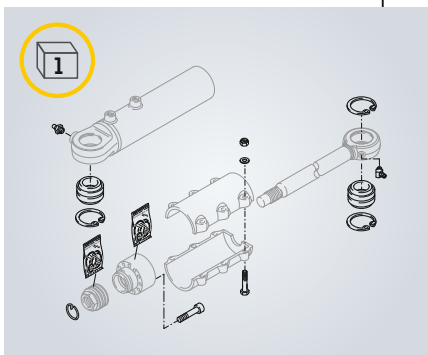
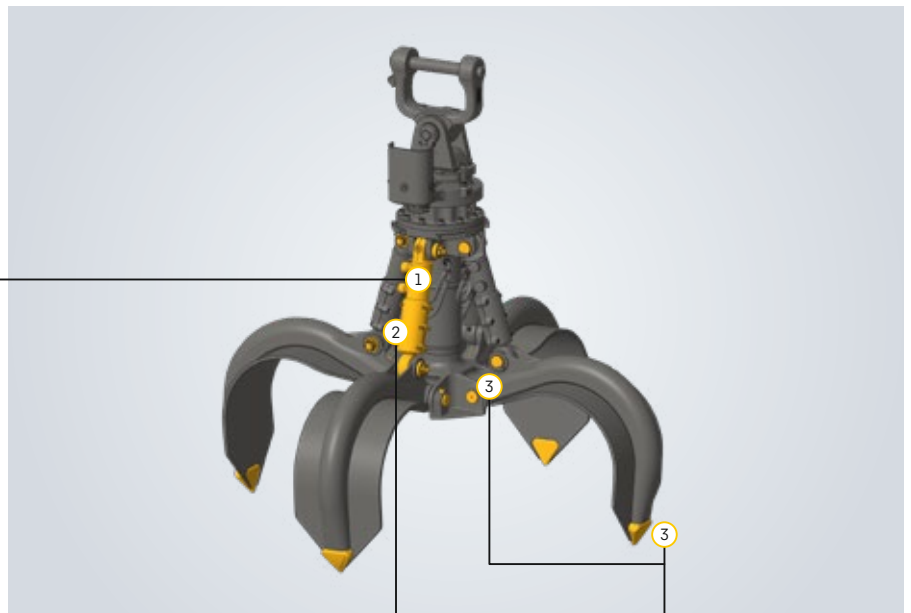
Liebherr provides a modular maintenance programme for a wide range of multiple tine grabs to ensure that your grab operates reliably at all times, including the 64/65, 69, GMM 50 and GMM 80 multiple tine grabs. This programme consists of three different kits, each of which consists of a selection of 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 multiple tine grabs offers everything from a single source for even greater convenience.

The New Kits in Detail:

- ① Sealkit
- ② Cylinderkit
- ③ Wearpartskit



Equipment

	Four-Tine Grab GM 64	Four-Tine Grab GM 69	Four-Tine Grab GMM 80-4	Four-Tine Grab GMM 120-4	Five-Tine Grab GM 55B	Five-Tine Grab GM 65	Five-Tine Grab GMM 50-5	Five-Tine Grab GMM 80-5	Five-Tine Grab GMM 120-5	Five-Tine Grab GM 75B
Suspension										
Suspension for direct mounting	●	●	●	●	●	●	●	●	●	●
SW suspension separable for direct mounting	+	+	+	+	+	+	+	+	+	+
Suspension for industrial SWA mechanical	+	+	+	+	+	+	+	+	+	+
Suspension for SW industrial stick (hydraulic)	+	+	+	+	+	+	+	+	+	+
MH 40B LIKUFIX	+	+			+	+	+			
MH 110B LIKUFIX		+	+	+			+	+	+	
Screw coupling	●	●	●	●	●	●	●	●	●	●
Multi coupling system	+	+	+	+	+	+	+	+	+	+
SWA 33 mechanical					+					
SWA 33 hydraulic					+					
SWA 33 LIKUFIX					+					
SWA 48 mechanical	+	+			+	+	+			
SWA 48 hydraulic	+	+			+	+	+			
SWA 48 LIKUFIX	+	+			+	+	+			
SWA 66 mechanical		+	+	+			+	+	+	+
SWA 66 hydraulic		+	+	+			+	+	+	+
SWA 66 LIKUFIX		+	+	+			+	+	+	+
Tool Management ⁵⁾	+	+	+	+	+	+	+	+	+	+

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

Grab

1 motor 200 cm ³	●	●			●	●				●
2 motors 125 cm ³							●			
2 motors 200 cm ³	+	+	●	●		+	+	●	●	
Motor guard			+	+			+	+	+	+
Soft start			+	+			+	+	+	
Load lug	+	+	+	+	+	+	+	+	+	
Cylinder hose protection	+	+	+	+	+	+2)	+	+	+	
Preparation radioactivity meter "Radcomm" ⁷⁾			+1)	+1)		+2)		+1)	+1)	
Construction kit "Radcomm" ⁶⁾⁷⁾			+1)	+1)		+2)	+	+1)	+1)	
"Radcomm" power supply from the machine							+	+	+	
Tines stop ⁷⁾	+3)	+				+3)				●
Bolt Passfix	+	+	+	+		+		+	+	
Tine reinforcement kit ⁴⁾	+	+	+	+	+	+	+	+	+	+

¹⁾ only for use with cylinder hose protection

²⁾ either preparation radioactivity meter or cylinder hose protection

³⁾ only possible for tines with capacity of 0.60 m³

⁴⁾ not possible for open tines

⁵⁾ nur bei SWA 48 LIKUFIX und SWA 66 LIKUFIX möglich

⁶⁾ radioactivity meter not included

⁷⁾ not possible with load lug

● = Standard, + = Option

The Liebherr Group of Companies



Wide Product Range

The Liebherr Group is one of the largest construction equipment manufacturers in the world. Liebherr's high-value products and services enjoy a high reputation in many other fields. The wide range includes domestic appliances, aerospace and transportation systems, machine tools and maritime cranes.

Exceptional Customer Benefit

Every product line provides a complete range of models in many different versions. With both their technical excellence and acknowledged quality, Liebherr products offer a maximum of customer benefits in practical applications.

State-of-the-art Technology

To provide consistent, top quality products, Liebherr attaches great importance to each product area, its components and core technologies. Important modules and components are developed and manufactured in-house, for instance the entire drive and control technology for construction equipment.

Worldwide and Independent

Hans Liebherr founded the Liebherr family company in 1949. Since then, the family business has steadily grown to a group of more than 140 companies with nearly 48,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

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