
SG 20B - SG 40

Sorting grabs

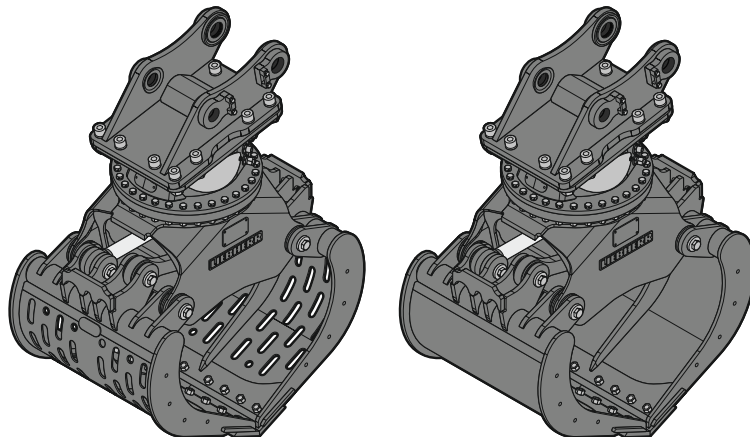
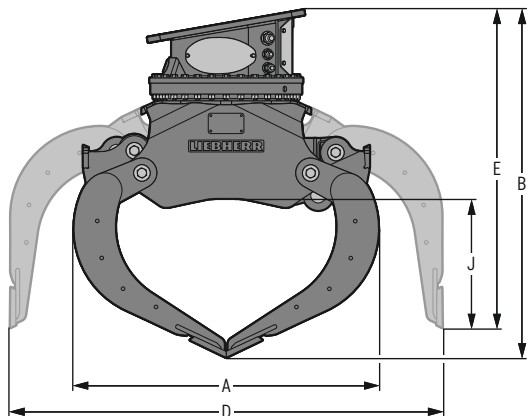
LIEBHERR

Attachments



SG 20B

On tipping kinematics



Machine range

Liebherr machines

Material handling machine	LH 18 - LH 22
Wheeled excavator - Compact	A 914 Compact - A 918 Compact
Wheeled excavator	A 914 - A 918
Crawler excavator - Compact	R 914 Compact - R 920 Compact
Railroad excavator	R 914 Rail, A 922 Rail

Other machine makes

Weight class	approx. 14-22t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights¹⁾

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		Weight
			A Width	B Height		E Height	J Depth of shell when open	
perforated	m ³ 0.40	mm 800	mm 1,220	mm 1,394	mm 1,723	mm 1,275	mm 520	kg 750
perforated	0.50	1,000	1,220	1,394	1,723	1,275	520	795
perforated	0.60	1,200	1,220	1,394	1,723	1,275	520	840
perforated	0.70	1,400	1,220	1,394	1,723	1,275	520	885
closed	0.40	800	1,220	1,394	1,723	1,275	520	765
closed	0.50	1,000	1,220	1,394	1,723	1,275	520	810
closed	0.60	1,200	1,220	1,394	1,723	1,275	520	850
closed	0.70	1,400	1,220	1,394	1,723	1,275	520	895

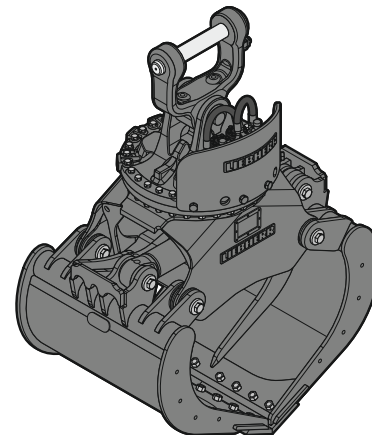
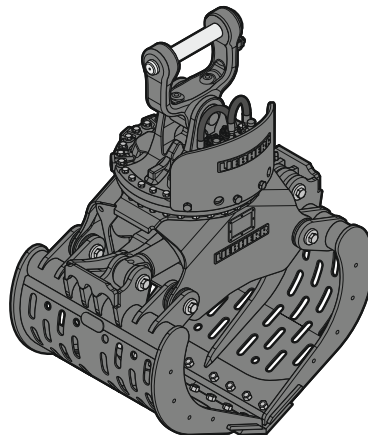
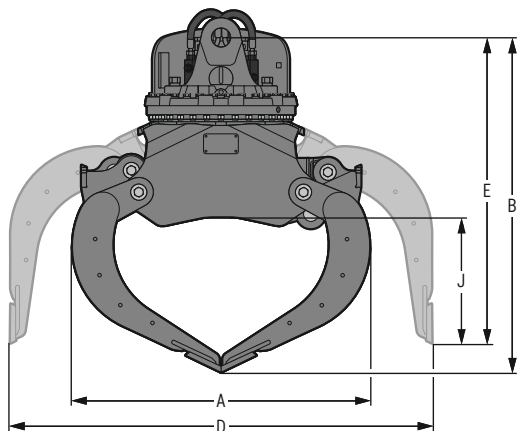
¹⁾ with standard bolt-on cutting edge, without mounting plate

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 1 motor 200 cm ³	Breakaway moment max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
40 kN	36 MPa	150 l/min.	15 MPa	30 l/min.		130 kNm

SG 20B

On suspension



Machine range

Liebherr machines

Material handling machine	LH 18 - LH 24
Wheeled excavator - Compact	A 914 Compact - A 918 Compact
Wheeled excavator	A 914 - A 920
Crawler excavator - Compact	R 914 Compact - R 920 Compact
Crawler excavator	R 918
Railroad excavator	R 914 Rail, A 922 Rail

Other machine makes

Weight class	approx. 14-24t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights^{1) 2)}

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		J Depth of shell when open	Weight	
			A Width	B Height		E Height	without suspension		with XHD suspension	
perforated	0.40	800	1,220	1,375	1,723	1,256	520	865	940	
perforated	0.50	1,000	1,220	1,375	1,723	1,256	520	910	985	
perforated	0.60	1,200	1,220	1,375	1,723	1,256	520	955	1,030	
perforated	0.70	1,400	1,220	1,375	1,723	1,256	520	1,000	1,075	
closed	0.40	800	1,220	1,375	1,723	1,256	520	880	955	
closed	0.50	1,000	1,220	1,375	1,723	1,256	520	925	1,000	
closed	0.60	1,200	1,220	1,375	1,723	1,256	520	965	1,040	
closed	0.70	1,400	1,220	1,375	1,723	1,256	520	1,010	1,085	

¹⁾ with standard bolt-on cutting edge

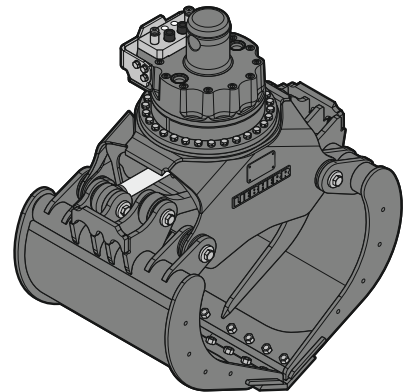
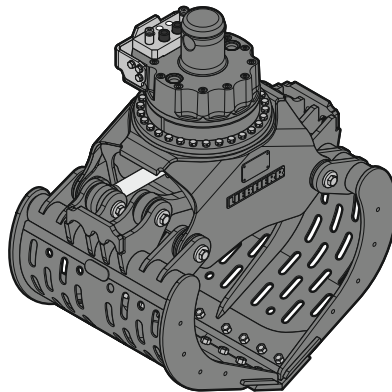
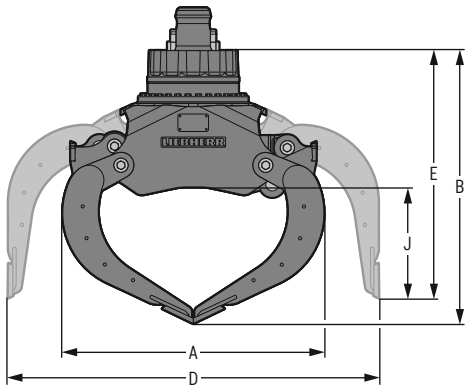
²⁾ with direct mounting

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Lift capacity max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
40 kN	36 MPa	150 l/min.	15 MPa	50 l/min.	3.72 kNm	15 t

SG 20B

Mounting MH 40¹⁾



Machine range

Liebherr machines

Material handling machine

LH 22 - LH 24

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 20-24t

Dimensions²⁾ / weights²⁾

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		Weight
			A Width	B Height		E Height	J Depth of shell when open	
perforated	m ³ 0.40	mm 800	mm 1,220	mm 1,276	mm 1,723	mm 1,157	mm 520	kg 545
perforated	0.50	1,000	1,220	1,276	1,723	1,157	520	590
perforated	0.60	1,200	1,220	1,276	1,723	1,157	520	635
perforated	0.70	1,400	1,220	1,276	1,723	1,157	520	680
closed	0.40	800	1,220	1,276	1,723	1,157	520	560
closed	0.50	1,000	1,220	1,276	1,723	1,157	520	605
closed	0.60	1,200	1,220	1,276	1,723	1,157	520	645
closed	0.70	1,400	1,220	1,276	1,723	1,157	520	690

²⁾ with standard bolt-on cutting edge, with bottom part for MH 40 Solidlink

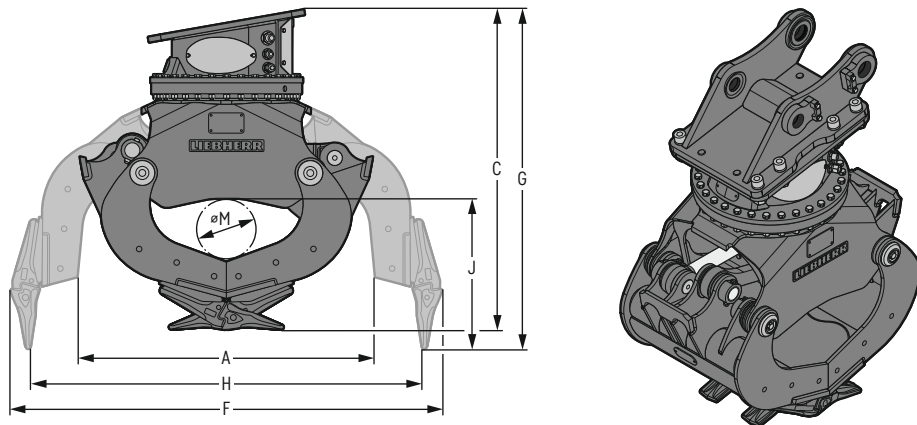
Technical data

Closing force max.	Pressure max.	Grab open / close Flow max.	Lift capacity max.
40 kN	36 MPa	150 l/min.	15 t

¹⁾ for all MH 40 versions

SG 20B Universal shell

On tipping kinematics



Machine range

Liebherr machines	
Material handling machine	LH 18 - LH 22
Wheeled excavator - Compact	A 914 Compact - A 918 Compact
Wheeled excavator	A 914 - A 918
Crawler excavator - Compact	R 914 Compact - R 920 Compact
Railroad excavator	R 914 Rail, A 922 Rail

Other machine makes	
Weight class	approx. 14-22t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights¹⁾

Shell type	Capacity	Shell width	Shells closed			Shells open				Weight
			A Width	C Height with teeth	M Clamp diameter	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	
Universal shell	0.15 m ³	650 mm	1,178 mm	1,280 mm	251 mm	1,730 mm	1,360 mm	1,574 mm	605 mm	831 kg

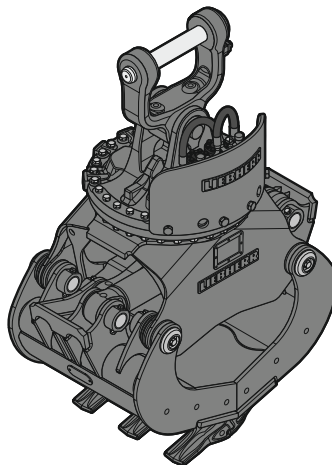
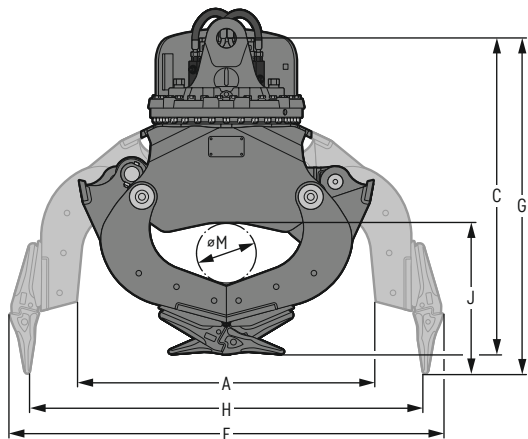
¹⁾ with Liebherr teeth Z 35 C, without mounting plate

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 1 motor 200 cm ³	Breakaway moment max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
57 kN	36 MPa	150 l/min.	15 MPa	30 l/min.	2.68 kNm	130 kNm

SG 20B Universal shell

On suspension



Machine range

Liebherr machines

Material handling machine	LH 18 - LH 24
Wheeled excavator - Compact	A 914 Compact - A 918 Compact
Wheeled excavator	A 914 - A 920
Crawler excavator - Compact	R 914 Compact - R 920 Compact
Crawler excavator	R 918
Railroad excavator	R 914 Rail, A 922 Rail

Other machine makes

Weight class	approx. 14-24t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights^{1) 2)}

Shell type	Capacity	Shell width	Shells closed			Shells open				Weight	
			A Width	C Height with teeth	M Clamp diameter	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	without suspension	with XHD suspension
Universal shell	0.15 m ³	650 mm	1,178 mm	1,265 mm	251 mm	1,730 mm	1,342 mm	1,574 mm	605 mm	932 kg	1,007 kg

¹⁾ with Liebherr teeth Z 35 C

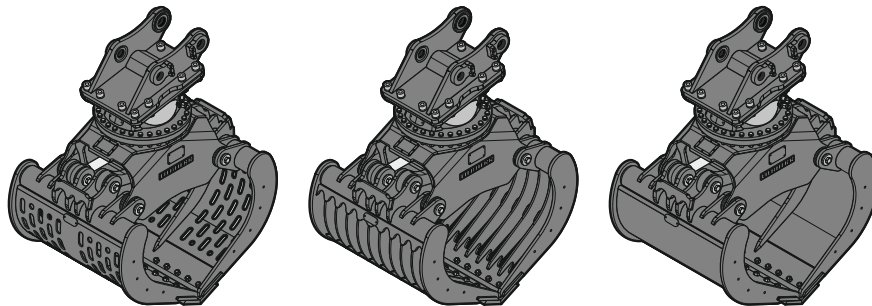
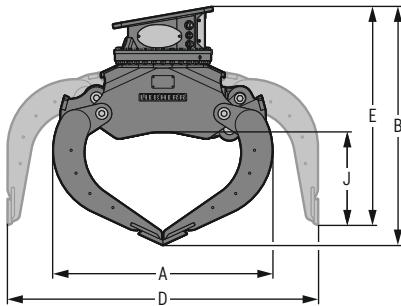
²⁾ with direct mounting

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Lift capacity max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
57 kN	36 MPa	150 l/min.	15 MPa	50 l/min.	3.72 kNm	15 t

SG 25B

On tipping kinematics



Machine range

Liebherr machines

Material handling machine	LH 22 - LH 26
Wheeled excavator - Compact	A 918 Compact
Wheeled excavator	A 918 - A 920
Crawler excavator - Compact	R 926 Compact
Crawler excavator	R 918
Railroad excavator	A 922 Rail, A 924 Rail

Other machine makes

Weight class	approx. 20-26 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights¹⁾

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		Weight
			A Width	B Height		E Height	J Depth of shell when open	
perforated	0.55	800	1,380	1,508	1,965	1,382	591	1,040
perforated	0.75	1,000	1,380	1,508	1,965	1,382	591	1,105
perforated	0.90	1,200	1,380	1,508	1,965	1,382	591	1,170
perforated	1.10	1,400	1,380	1,508	1,965	1,382	591	1,235
ribbed	0.50	800	1,380	1,508	1,965	1,382	591	1,085
ribbed	0.65	1,000	1,380	1,508	1,965	1,382	591	1,170
ribbed	0.80	1,200	1,380	1,508	1,965	1,382	591	1,255
closed	0.55	800	1,380	1,508	1,965	1,382	591	1,060
closed	0.75	1,000	1,380	1,508	1,965	1,382	591	1,130
closed	0.90	1,200	1,380	1,508	1,965	1,382	591	1,200
closed	1.10	1,400	1,380	1,508	1,965	1,382	591	1,270

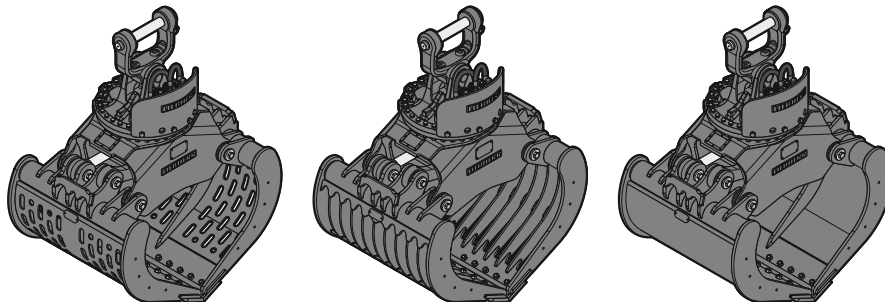
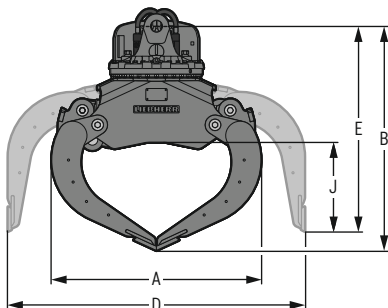
¹⁾ with standard bolt-on cutting edge, without mounting plate

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 1 motor 200 cm ³	Breakaway moment max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
60 kN	36 MPa	150 l/min.	15 MPa	30 l/min.	2.68 kNm	180 kNm

SG 25B

On suspension



Machine range

Liebherr machines

Material handling machine	LH 22 - LH 30
Wheeled excavator - Compact	A 918 Compact
Wheeled excavator	A 918 - A 924
Crawler excavator	R 918 - R 926
Railroad excavator	A 922 Rail, A 924 Rail

Other machine makes

Weight class	approx. 20-28 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights^{1) 2)}

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		J Depth of shell when open	Weight	
			A Width	B Height		E Height	without suspension		with XHD suspension	
	m ³	mm	mm	mm	mm	mm	mm	kg	kg	
perforated	0.55	800	1,380	1,521	1,965	1,362	591	1,155	1,230	
perforated	0.75	1,000	1,380	1,521	1,965	1,362	591	1,220	1,295	
perforated	0.90	1,200	1,380	1,521	1,965	1,362	591	1,285	1,360	
perforated	1.10	1,400	1,380	1,521	1,965	1,362	591	1,350	1,425	
ribbed	0.50	800	1,380	1,521	1,965	1,362	591	1,200	1,275	
ribbed	0.65	1,000	1,380	1,521	1,965	1,362	591	1,285	1,360	
ribbed	0.80	1,200	1,380	1,521	1,965	1,362	591	1,370	1,445	
closed	0.55	800	1,380	1,521	1,965	1,362	591	1,175	1,250	
closed	0.75	1,000	1,380	1,521	1,965	1,362	591	1,245	1,320	
closed	0.90	1,200	1,380	1,521	1,965	1,362	591	1,315	1,390	
closed	1.10	1,400	1,380	1,521	1,965	1,362	591	1,385	1,460	

¹⁾ with standard bolt-on cutting edge

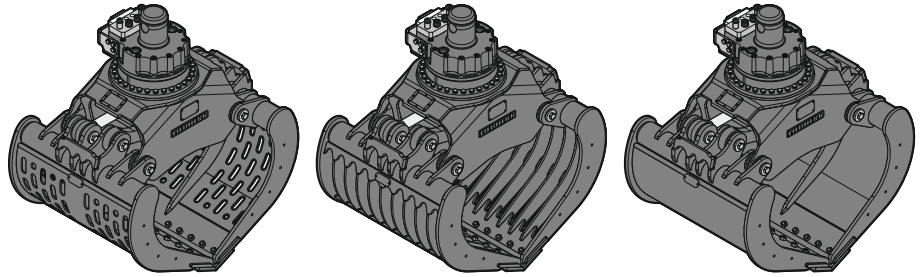
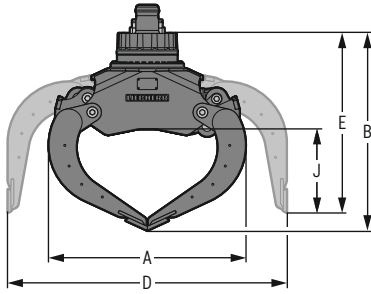
²⁾ with direct mounting

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Lift capacity max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
60 kN	36 MPa	150 l/min.	15 MPa	50 l/min.	3.72 kNm	20 t

SG 25B

Mounting MH 40¹⁾



Machine range

Liebherr machines

Material handling machine

LH 24 - LH 30

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 24-28t

Dimensions²⁾ / weights²⁾

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		Weight
			A Width	B Height		E Height	J Depth of shell when open	
perforated	0.55	800	1,380	1,396	1,965	1,263	591	835
perforated	0.75	1,000	1,380	1,396	1,965	1,263	591	900
perforated	0.90	1,200	1,380	1,396	1,965	1,263	591	965
perforated	1.10	1,400	1,380	1,396	1,965	1,263	591	1,030
ribbed	0.50	800	1,380	1,396	1,965	1,263	591	880
ribbed	0.65	1,000	1,380	1,396	1,965	1,263	591	965
ribbed	0.80	1,200	1,380	1,396	1,965	1,263	591	1,050
closed	0.55	800	1,380	1,396	1,965	1,263	591	855
closed	0.75	1,000	1,380	1,396	1,965	1,263	591	925
closed	0.90	1,200	1,380	1,396	1,965	1,263	591	995
closed	1.10	1,400	1,380	1,396	1,965	1,263	591	1,065

²⁾ with standard bolt-on cutting edge, with bottom part for MH 40 Solidlink

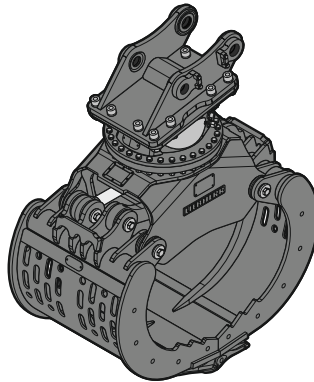
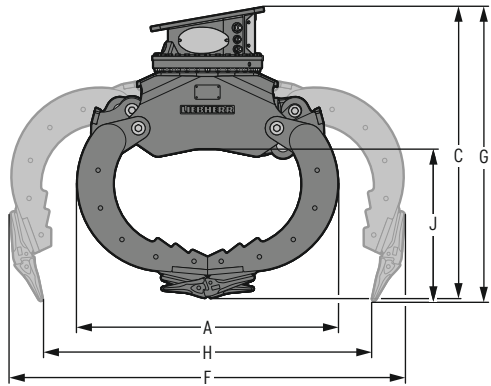
Technical data

Closing force max.	Pressure max.	Grab open / close Flow max.	Lift capacity max.
60 kN	36 MPa	150 l/min.	20t

¹⁾ for all MH 40 versions

SG 25B Stone shell

On tipping kinematics



Machine range

Liebherr machines	
Material handling machine	LH 22 - LH 26
Wheeled excavator - Compact	A 918 Compact
Wheeled excavator	A 918 - A 920
Crawler excavator - Compact	R 926 Compact
Crawler excavator	R 918
Railroad excavator	A 922 Rail, A 924 Rail

Other machine makes	
Weight class	approx. 20-26 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights¹⁾

Shell type	Capacity	Shell width	Shells closed		Shells open				Weight
			A Width	C Height with teeth	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	
perforated	0.55 m ³	800 mm	1,455 mm	1,623 mm	2,200 mm	1,640 mm	1,848 mm	848 mm	1,225 kg

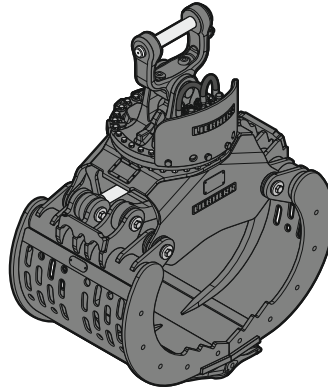
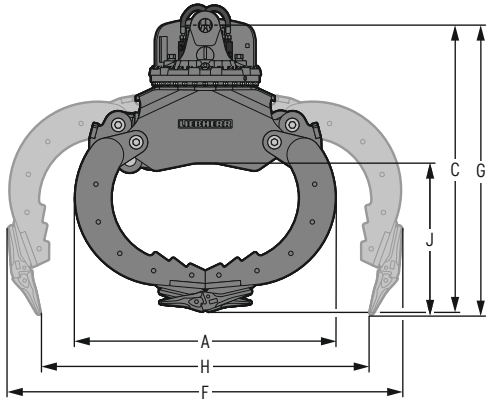
¹⁾ with Liebherr teeth Z 35 C, without mounting plate

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 1 motor 200 cm ³	Breakaway moment max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
60 kN	36 MPa	150 l/min.	15 MPa	30 l/min.	2.68 kNm	180 kNm

SG 25B Stone shell

On suspension



Machine range

Liebherr machines

Material handling machine	LH 22 - LH 30
Wheeled excavator - Compact	A 918 Compact
Wheeled excavator	A 918 - A 924
Crawler excavator	R 918 - R 926
Railroad excavator	A 922 Rail, A 924 Rail

Other machine makes

Weight class	approx. 20-28 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights^{1) 2)}

Shell type	Capacity	Shell width	Shells closed		Shells open				Weight	
			A Width	C Height with teeth	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	without suspension	with XHD suspension
perforated	0.55 m ³	800 mm	1,455 mm	1,604 mm	2,200 mm	1,620 mm	1,848 mm	848 mm	1,340 kg	1,415 kg

¹⁾ with Liebherr teeth Z 35 C

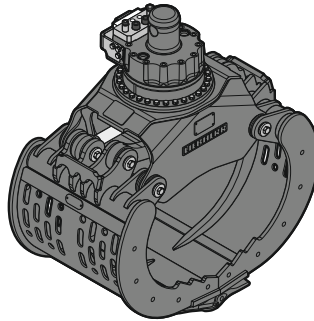
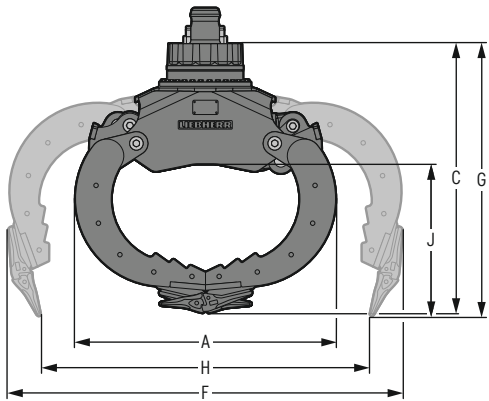
²⁾ with direct mounting

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Lift capacity max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
60 kN	36 MPa	150 l/min.	15 MPa	50 l/min.	3.72 kNm	20 t

SG 25B Stone shell

Mounting MH 40¹⁾



Machine range

Liebherr machines

Material handling machine | LH 24 - LH 30

Other machine makes

Weight class | approx. 24-28 t
(see operating manual for exact specification)

Dimensions²⁾ / weights²⁾

Shell type	Capacity	Shell width	Shells closed		Shells open				Weight
			A Width	C Height with teeth	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	
perforated	0.55 m ³	800 mm	1,455 mm	1,479 mm	2,200 mm	1,521 mm	1,848 mm	848 mm	1,020 kg

²⁾ with Liebherr teeth Z 35 C, with bottom part for MH 40 Solidlink

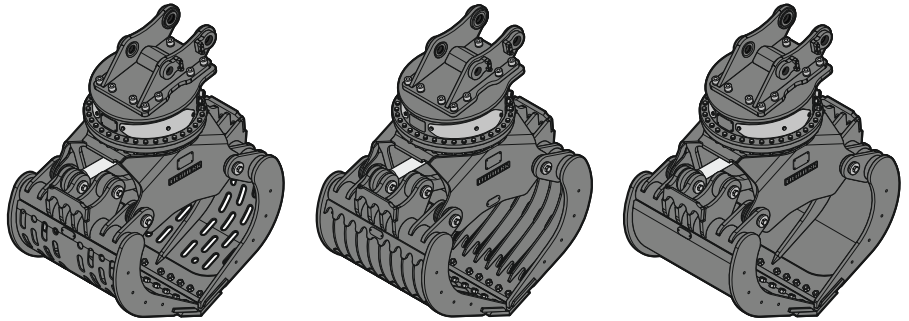
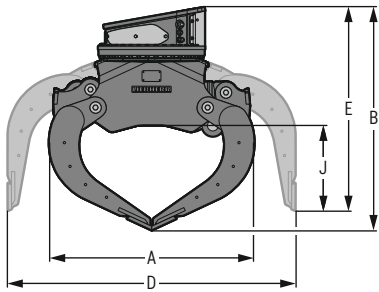
Technical data

Closing force max.	Pressure max.	Grab open / close Flow max.	Lift capacity max.
60 kN	36 MPa	150 l/min.	20 t

¹⁾ for all MH 40 versions

SG 30B

On tipping kinematics



Machine range

Liebherr machines

Material handling machine	LH 26 - LH 50
Wheeled excavator	A 924 - A 924 Heavy Lift
Crawler excavator - Compact	R 936 Compact
Crawler excavator	R 922 - R 930

Other machine makes

Weight class	approx. 26-38 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights¹⁾

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		Weight
			A Width	B Height		E Height	J Depth of shell when open	
perforated	m ³ 0.85	mm 1,000	mm 1,553	mm 1,689	mm 2,174	mm 1,538	mm 648	kg 1,485
perforated	1.00	1,200	1,553	1,689	2,174	1,538	648	1,560
perforated	1.15	1,400	1,553	1,689	2,174	1,538	648	1,635
ribbed	0.75	1,000	1,553	1,689	2,174	1,538	648	1,565
ribbed	0.90	1,200	1,553	1,689	2,174	1,538	648	1,675
ribbed	1.05	1,400	1,553	1,689	2,174	1,538	648	1,780
closed	0.85	1,000	1,553	1,689	2,174	1,538	648	1,515

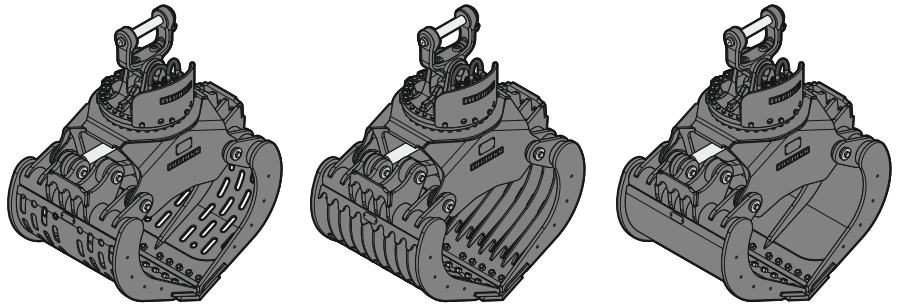
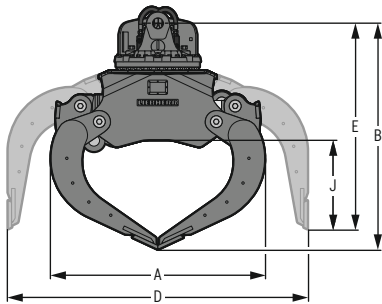
¹⁾ with standard bolt-on cutting edge, without mounting plate

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Breakaway moment max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
80 kN	36 MPa	200 l/min.	15 MPa	40 l/min.	5.36 kNm	290 kNm

SG 30B

On suspension



Machine range

Liebherr machines

Material handling machine	LH 26 - LH 60
Wheeled excavator	A 924 - A 924 Heavy Lift
Crawler excavator	R 922 - R 938

Other machine makes

Weight class	approx. 26-38 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights^{1) 2)}

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		Weight	
			A Width	B Height		E Height	J Depth of shell when open	without suspension	with XHD suspension
perforated	0.85	1,000	1,553	1,645	2,174	1,494	648	1,515	1,590
perforated	1.00	1,200	1,553	1,645	2,174	1,494	648	1,590	1,665
perforated	1.15	1,400	1,553	1,645	2,174	1,494	648	1,665	1,740
ribbed	0.75	1,000	1,553	1,645	2,174	1,494	648	1,595	1,670
ribbed	0.90	1,200	1,553	1,645	2,174	1,494	648	1,705	1,780
ribbed	1.05	1,400	1,553	1,645	2,174	1,494	648	1,810	1,885
closed	0.85	1,000	1,553	1,645	2,174	1,494	648	1,545	1,620

¹⁾ with standard bolt-on cutting edge

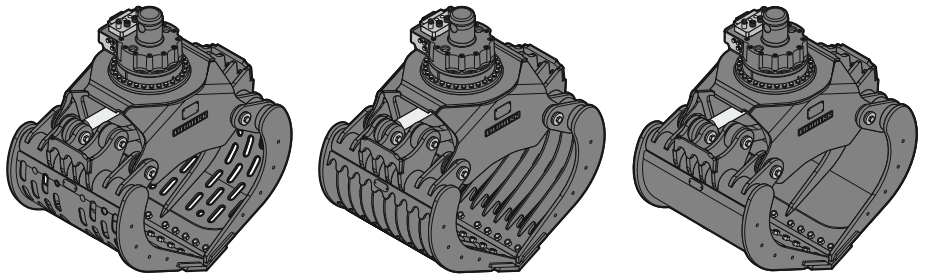
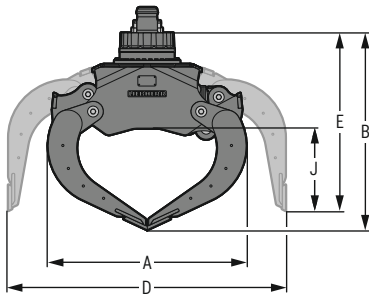
²⁾ with direct mounting

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Lift capacity max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
80 kN	36 MPa	200 l/min.	15 MPa	50 l/min.	3.72 kNm	30 t

SG 30B

Mounting MH 40¹⁾



Machine range

Liebherr machines

Material handling machine

LH 26 - LH 60

Other machine makes

Weight class

(see operating manual for exact specification)

approx. 26-38 t

Dimensions²⁾ / weights²⁾

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		J Depth of shell when open	Weight
			A Width	B Height		E Height			
perforated	0.85	1,000	1,553	1,576	2,174	1,425	648	1,395	
perforated	1.00	1,200	1,553	1,576	2,174	1,425	648	1,470	
perforated	1.15	1,400	1,553	1,576	2,174	1,425	648	1,545	
ribbed	0.75	1,000	1,553	1,576	2,174	1,425	648	1,475	
ribbed	0.90	1,200	1,553	1,576	2,174	1,425	648	1,585	
ribbed	1.05	1,400	1,553	1,576	2,174	1,425	648	1,690	
closed	0.85	1,000	1,553	1,576	2,174	1,425	648	1,425	

²⁾ with standard bolt-on cutting edge, with bottom part for MH 40 Solidlink

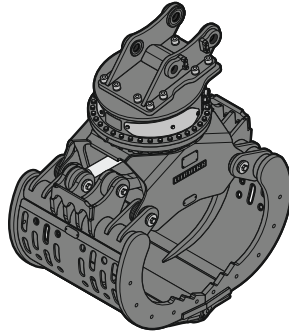
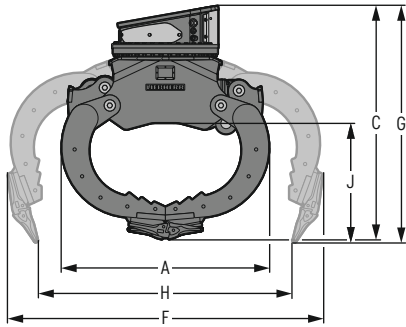
Technical data

Closing force max.	Pressure max.	Grab open / close Flow max.	Lift capacity max.
80 kN	36 MPa	200 l/min.	20 t

¹⁾ for all MH 40 versions

SG 30B Stone shell

On tipping kinematics



Machine range

Liebherr machines

Material handling machine	LH 26 - LH 50
Wheeled excavator	A 924 - A 924 Heavy Lift
Crawler excavator - Compact	R 936 Compact
Crawler excavator	R 922 - R 930

Other machine makes

Weight class	approx. 26-38 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights¹⁾

Shell type	Capacity	Shell width	Shells closed		Shells open				Weight
			A Width	C Height with teeth	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	
perforated	0.85 m ³	1,020 mm	1,583 mm	1,781 mm	2,399 mm	1,803 mm	1,958 mm	913 mm	1,815 kg

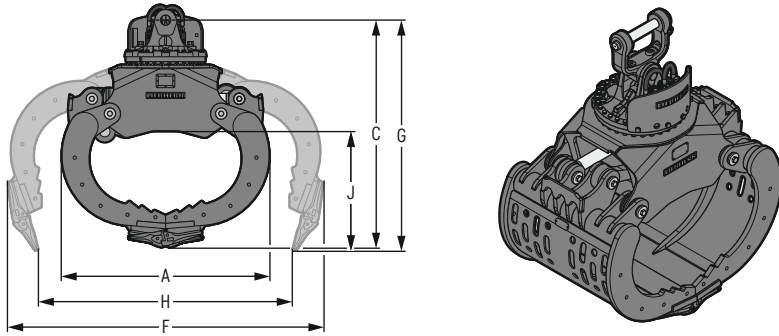
¹⁾ with Liebherr teeth Z 40 C, without mounting plate

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Breakaway moment max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
80 kN	36 MPa	200 l/min.	15 MPa	40 l/min.	5.36 kNm	290 kNm

SG 30B Stone shell

On suspension



Machine range

Liebherr machines

Material handling machine	LH 26 - LH 60
Wheeled excavator	A 924 - A 924 Heavy Lift
Crawler excavator	R 922 - R 938

Other machine makes

Weight class	approx. 26-38 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights^{1) 2)}

Shell type	Capacity	Shell width	Shells closed		Shells open				Weight	
			A Width	C Height with teeth	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	without suspension	with XHD suspension
perforated	0.85 m ³	1,020 mm	1,583 mm	1,737 mm	2,399 mm	1,759 mm	1,958 mm	913 mm	1,845 kg	1,920 kg

¹⁾ with Liebherr teeth Z 40 C

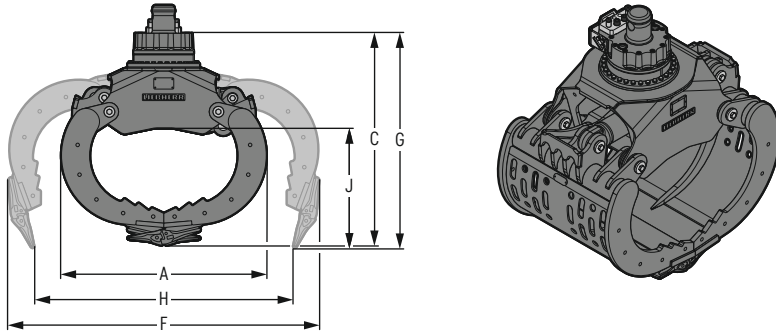
²⁾ with direct mounting

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Lift capacity max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
80 kN	36 MPa	200 l/min.	15 MPa	50 l/min.	3.72 kNm	30 t

SG 30B Stone shell

Mounting MH 40¹⁾



Machine range

Liebherr machines

Material handling machine | LH 26 - LH 60

Other machine makes

Weight class | approx. 26-38 t
(see operating manual for exact specification)

Dimensions²⁾ / weights²⁾

Shell type	Capacity	Shell width	Shells closed		Shells open				Weight
			A Width	C Height with teeth	F Width with teeth	G Height with teeth	H Opening with teeth	J Depth of shell when open	
perforated	0.85 m ³	1,020 mm	1,583 mm	1,668 mm	2,399 mm	1,690 mm	1,958 mm	913 mm	1,725 kg

²⁾ with Liebherr teeth Z 40 C, with bottom part for MH 40 Solidlink

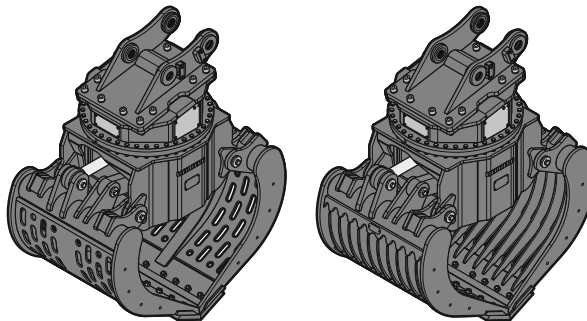
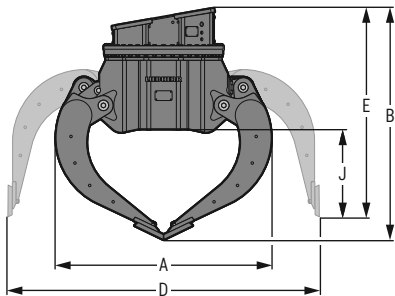
Technical data

Closing force max.	Pressure max.	Grab open / close Flow max.	Lift capacity max.
80 kN	36 MPa	200 l/min.	20 t

¹⁾ for all MH 40 versions

SG 40

On tipping kinematics



Machine range

Liebherr machines

Material handling machine	LH 50 - LH 80
Crawler excavator	R 934 - R 960

Other machine makes

Weight class	approx. 35-60 t
(see operating manual for exact specification)	

Dimensions¹⁾ / weights¹⁾

Shell type	Capacity	Shell width	Shells closed		D Width	Shells open		Weight
			A Width	B Height		E Height	J Depth of shell when open	
perforated	m ³ 1.30	mm 1,100	mm 1,787	mm 1,918	mm 2,564	mm 1,742	mm 740	kg 2,505
perforated	1.60	1,300	1,787	1,918	2,564	1,742	740	2,595
ribbed	1.10	1,100	1,787	1,918	2,564	1,742	740	2,585
ribbed	1.40	1,300	1,787	1,918	2,564	1,742	740	2,695

¹⁾ with standard bolt-on cutting edge, without mounting plate

Technical data

Closing force max.	Grab open / close		Grab turning		Torque max. 2 motors 200 cm ³	Breakaway moment max.
	Pressure max.	Flow max.	Pressure max.	Flow max.		
100 kN	36 MPa	250 l/min.	15 MPa	50 l/min.	4.78 kNm	600 kNm

Equipment

Mounting / Suspension

	SG 20B on tipping kinematics	SG 20B on suspension	SG 20B mounting MH 40	SG 20B Universal shell on tipping kinematics	SG 20B Universal shell on suspension	SG 25B on tipping kinematics	SG 25B on suspension	SG 25B mounting MH 40	SG 25B Stone shell on tipping kinematics	SG 25B Stone shell on suspension	SG 25B Stone shell mounting MH 40	SG 30B on tipping kinematics	SG 30B on suspension	SG 30B mounting MH 40	SG 30B Stone shell on tipping kinematics	SG 30B Stone shell on suspension	SG 30B Stone shell mounting MH 40	SG 40 on tipping kinematics
Direct mounting	●	●		●	●	●	●		●	●	●	●	●		●	●	●	●
SW stick mechanical	+	+		+	+	+	+		+	+								
SW suspension separable for direct mounting		+			+		+			+			+			+		
Suspension for industrial SWA mechanical		+			+		+			+			+			+		
Suspension for SW industrial stick (hydraulic)		+			+		+			+			+			+		
MH 40 Solidlink ¹⁾			●					●			●			●			●	
Screw couplings ²⁾	●	●		●	●	●	●		●	●	●	●	●		●	●	●	●
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 ³⁾	+	+		+	+	+	+		+	+		+	+		+	+		+
Universal mounting	+			+		+			+			+			+			+

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

Grab

Perforated shells	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●
Ribbed shells						+	+	+				+	+	+				+	
Closed shells	+	+	+	●	●	+	+	+				+	+	+					
Bolt-on cutting edge	●	●	●			●	●	●				●	●	●				●	
Bolt-on cutting edge HD	+	+	+			+	+	+				+	+	+				+	
Liebherr teeth Z 35 C				●	●				●	●	●								
Liebherr teeth Z 35 CL									+	+	+								
Liebherr teeth Z 40 C															●	●	●		
Mechanical protective device / bearing block reinforcement kit									●	●	●				●	●	●		
Cylinder hose protection	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+	+	
Central lubrication fully automatic via carrier machine	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Central lubrication fully automatic via pump	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Central lubrication manual via combined lubrication points	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Locking valve ⁴⁾	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+		
Side edge	+	+	+			+	+	+	+	+	+	+	+	+	+	+	+		
Lashing eyelet 4 t	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

¹⁾ for all MH 40 versions

²⁾ only for material handling machines

³⁾ only possible with SWA 48 Solidlink and SWA 66 Solidlink

⁴⁾ only in combination with cylinder hose protection

● = 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