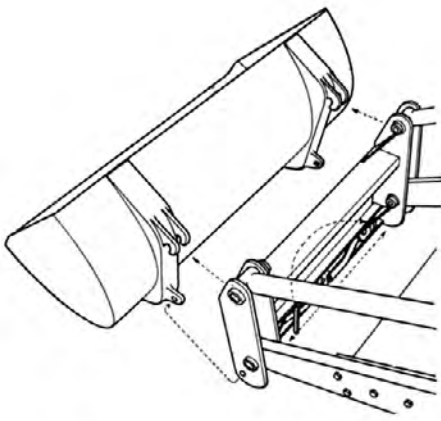


**IMPLEMENTS
AND EQUIPMENT**

BM·VOLVO LOADER LM 218





Simple speed coupling

The implement attachment on Bolinder-Munktell loaders is fitted with a simple speed coupling, making a change of implements a matter of only a minute or two. Simply hook the new implement to the upper part of the attachment and the lock in place at the bottom by means of the two pins, operated simultaneously by a single handle. The driver himself can change implements as required, speedily and without tools.



Hydraulically powered street sweeper

The hydraulically powered street sweeper is a compact, easily mounted unit which can be attached either at the driving wheel end (see picture) or at the steering wheel end. Raising and lowering is, in the former case, by means of chains on the side arms of the loader and, in the latter, by means of a separate, easily operated hydraulic ram. The single roller brush is driven by two fully integral hydraulic motors.

The standard brush is of piassava but a piassava/crinkled steel wire version can also be supplied.

Data

Effective width 7 ft. 3 in.
Diameter of the brush 2 ft.
Max. rotary speed of brush 150 r.p.m.
Weight, standard model, approx. 550 lbs.

Catalogue numbers

For mounting at the driving wheel end
7530

For mounting at the steering wheel end
7531



Excavator boom for the LM 218

Part No. 7630 or 7632 or 7633 (see Price List)

(Excavator boom excg. bucket)

As a trench hoe for local authorities, builders and contractors, this excavator boom is a valuable accessory to the LM 218 Loader.¹ It is coupled in but a few minutes to the loader implement attachments, the four oil hoses being connected by speed couplings to the side arm oil pipes.

The excavator boom is built to heavy-duty specifications and equipped with double-acting hydraulic rams for bucket and boom control. The swing ram carries a toothed rack and the swinging motion is transmitted to the boom via a toothed segment. Relief valves incorporated in the swing ram oil circuit limit lateral stresses on the loader side arms.

Control is by two* floor-mounted levers (for side arm raising and lowering, and for bucket tipping) and a third right-hand lever with dual function: bucket movement and boom swinging. If required, these latter functions can be controlled by individual levers, one on each side of the driver.

Specification

Max. digging depth	3.5 m.
Max. durning radius from driving axel centre ...	5.1 m.
Max. load-over height, approx.	3.1 m.
Max. side extension with dumped bucket	3.1 m.
Swing arc	180°
Penetrating force at bucket lip, approx. ...	3,100 kg
Weight incg. bucket No. 7635	790 kg

Buckets

Part No.	Description	Width mm.	Capacity litres
7635	Bucket	300	100
7636	Bucket	400	140
7637	Bucket	500	175
7638	Shaped bucket for trenching	300—1000	125

¹ Loader must be equipped with hydraulic system including four double-acting valves.

Forestry implements

Loaders can be equipped with log and pulpwood forks for skidding from the stump and for loading and unloading at roadhead and year. The closing arm on these forks is hydraulically powered. The loader hydraulics must therefore include a line from the 3rd valve to the implement attachment on the side arm.

For skidding, the GRIP-EN is the best model. The GRIP-EN features a mechanically-located land for the closing arm. The table below indicates the implement to choose for various timber-handling jobs.

Part No.	Pulp wood	Logs	Skidding (logs)	Skidding (trees)	Brush gleaning
7729	X				
7723		X			
7733		X	X	X	
7500					X

Recommendations

I. Following buckets are recommended for handling the materials indicated.

Part No.	Quarry Work				Other Work									
	Sand	Gravel fill Fine	Gravel fill Coarse	Crushed Bore 8-8 mm.	Macadam 6-12 mm.	Macadam 12-27 mm.	Macadam 27-60 mm.	Clay	Earth	Bark Chips Sawdust	Coal	Coke	Blast rubble	Snow
7707		X	X			X	X	X					X	
7745	X	X	X		X	X	X	X						
7712	X			X	X	X			X					
7742	X	X		X	X	X		X	X					
7717											X	X		
7719										X		X		X
7720													X	

Corresponding buckets, but with Bofors knife-steel lip, should be used where there is excessive wear due to the nature of the ground or the material handled.

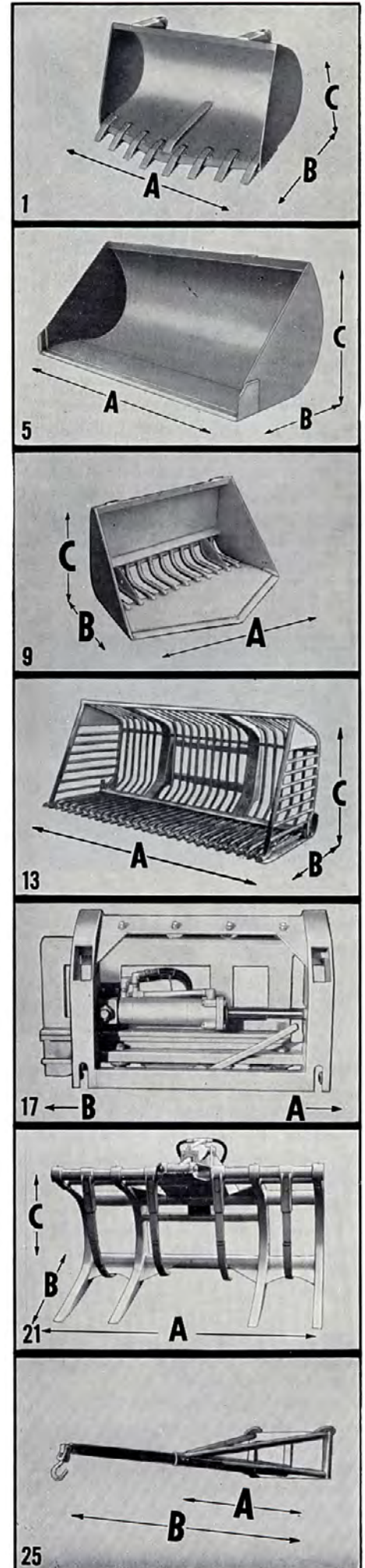
II. For other materials, suitable bucket size can be obtained with reference to the specific weight of the material concerned.

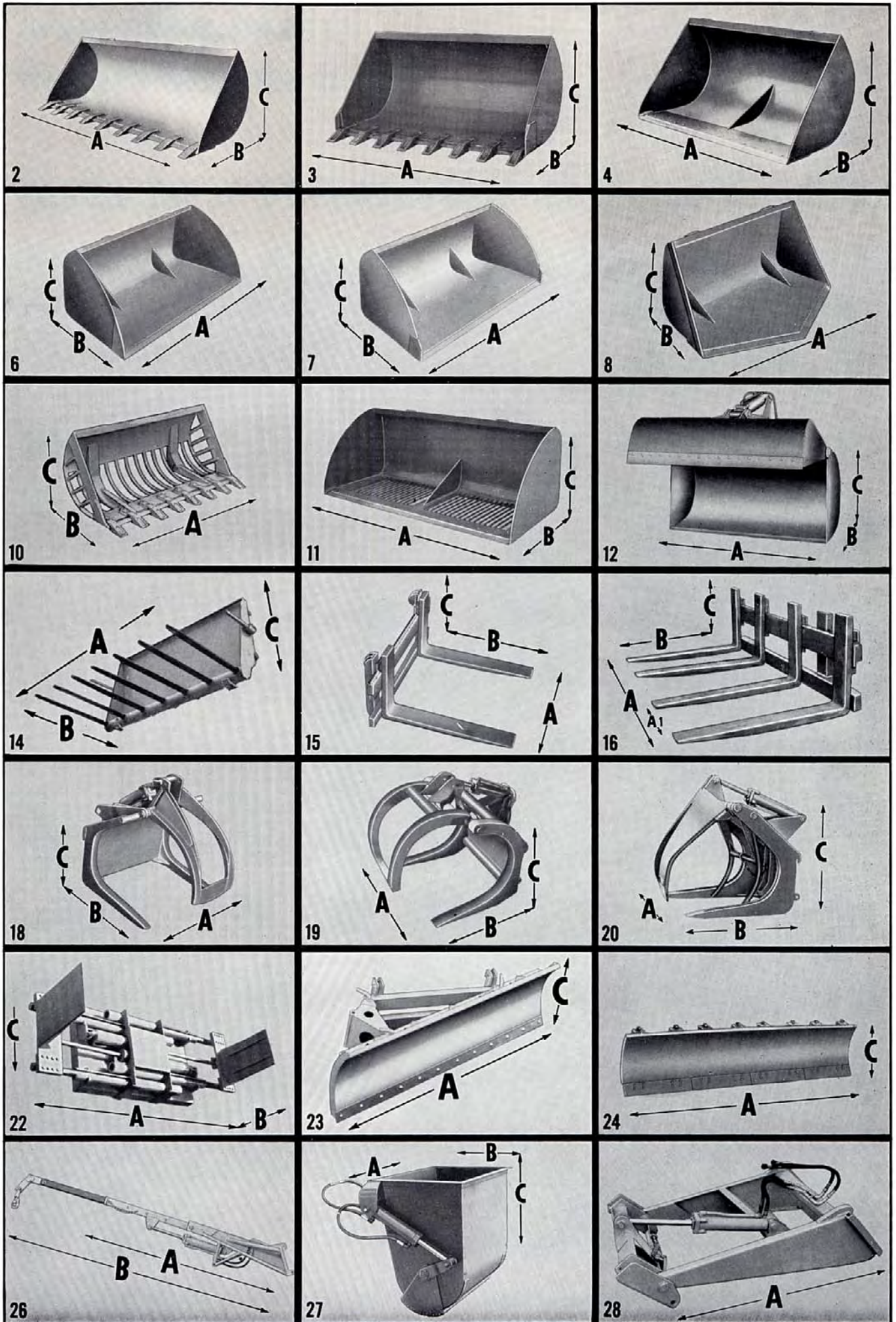
Scoop cap. in litres	Outer Width mm	Weight of material, kg/cu.m.													
		1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000			
1840	2200														
1000	2000														
820	2000														
740	1800														
660	1600														
570	1450														

Important points to consider when choosing a bucket:

1. Structure of the material to be handled.
2. Specific weight of the material.
3. Nature of roads, etc.

When handling material which is hard to penetrate, use a vee-tipped bucket with teeth and with a width not exceeding 1,800 mm. (71 in.)





Implement			Approx. extreme dims. in mm.			Approx. capacity in litres		Weight kg.	
Ill. No.	Description	Part No.	A	B	C	Levelled	Heaped (SAE)		
1	Gravel bucket, V-lip	7702	1400	750	740	460	570	250	
	Gravel bucket, V-lip	7703	1600	750	740	530	660	260	
	Gravel bucket, V-lip	7740	1800	750	740	590	740	285	
	Gravel bucket, V-lip	7704	2000	750	740	660	820	315	
	Gravel bucket, V-lip with 6 teeth	7706	1400	750	740	460	570	280	
	Gravel bucket, V-lip with 8 teeth	7707	1600	750	740	530	660	310	
	Gravel bucket, V-lip with 8 teeth	7745	1800	750	740	590	740	320	
	Gravel bucket, V-lip with 10 teeth	7708	2000	750	740	660	820	370	
	2	Gravel bucket, straight lip	7710	1400	750	740	420	525	220
		Gravel bucket, straight lip	7711	1600	750	740	480	600	250
Gravel bucket, straight lip		7741	1800	750	740	540	675	270	
Gravel bucket, straight lip		7712	2000	750	740	600	750	290	
Gravel bucket, straight lip with 7 teeth		7714	1400	750	740	420	525	270	
Gravel bucket, straight lip with 8 teeth		7715	1600	750	740	480	600	290	
Gravel bucket, straight lip with 8 teeth		7742	1800	750	740	540	675	310	
Gravel bucket, straight lip with 9 teeth		7716	2000	750	740	600	750	345	
3	Gravel bucket, straight lip, Bofors steel edge	7601	1600	750	740	560	700	285	
	Gravel bucket, straight lip, Bofors steel edge	7602	2000	750	740	700	870	330	
	Gravel bucket, straight lip, Bofors steel edge w. 8 teeth	7604	1600	750	740	560	700	325	
	Gravel bucket, straight lip, Bofors steel edge w. 9 teeth	7605	2000	750	740	700	870	385	
	Gravel bucket, straight lip, Bofors steel edge w. 9 teeth	7616	2000	870	840	900	1120	415	
4	Coal bucket, straight lip	7717	2000	870	840	800	1000	320	
	5	Coal bucket, straight lip, Bofors steel edge	7607	1600	870	840	720	900	310
Coal bucket, straight lip, Bofors steel edge		7608	2000	870	840	900	1120	360	
6	Light material scoop, straight lip	7718	2000	1100	850	1400	1750	355	
	Light material scoop, straight lip	7719	2200 ¹⁾	1100	850	1470	1840	365	
7	Light material scoop, Bofors steel edge	7610	2000	1100	850	1400	1750	395	
	Light material scoop, Bofors steel edge	7611	2200	1100	850	1470	1840	415	
8	Quarry bucket, tapered	7713	1520 ²⁾	670 ³⁾	740	450	560	320	
	Quarry bucket, tapered	7720	1750 ⁴⁾	670 ³⁾	740	530	660	360	
9	Quarry bucket, tapered, w. grating bottom	7747	1500 ²⁾	670 ³⁾	740	450	560	290	
	Quarry bucket, tapered, w. grating bottom	7749	1750 ⁴⁾	670 ³⁾	740	530	660	325	
10	Skeleton bucket, Bofors steel edge w. 8 teeth	7612	1600	750	740	480	600	315	
	Skeleton bucket, Bofors steel edge w. 9 teeth	7613	2000	750	740	600	750	350	
11	Turf scoop with grid bottom	7709	2000	830	700	940	1175	310	
12	Clam bucket, hydraulic, sep.	7732	1600	900	800	800	—	500	
13	Beet loader	7735	2300	1000	1050	1400	1500	385	
	Insertion set for converting beet loader into potato loader	7736	2300	1000	1050	1400	1500	55	
14	Compost fork	7503	1400	680	605	—	—	180	
15	Fork with adjustable tines								
16	Drum loader, adjustable								
	Fork frame	7507	1200	—	—	—	—	90	
	Fork frame	7508	1400	—	—	—	—	95	
	Fork frame	7509	1600	—	—	—	—	100	
	Fork frame	7510	2000	—	—	—	—	110	
	Fork tines ⁵⁾	7511	—	1050	575	—	—	75	
	Fork tines ⁵⁾	7512	—	1250	575	—	—	80	
	Fork tines ⁵⁾	7513	—	1450	575	—	—	110	
17	Hydraulic ram for side movement	7502	165 ⁵⁾	165 ⁵⁾	—	—	—	290	
18	Log fork w. hydraulic closing, sep.	7723	1100	900	800	grip area, m ²		370	
	Log fork w. hydraulic closing, sep.	7731	1100	880	700	0,66		330	
19	Pulpwood fork w. hydraulic closing, sep.	7729	1150	900	500	0,93		400	
20	Log fork GRIP-EN w. both hydr. and mech. closing ..	7733	1120	1000	700	0,66		410	
21	Brushwood fork with hydraulic grip	7500	2000	1050	1025	—	—	510	
22	Hydraulic bale clamp, separate	7726	750/2200	600	400	—	—	750	
23	Dozer blade (diagonal setting)	7734	2300	—	650	—	—	310	
24	Municipal dozer blade w. spring-loaded, 4-section, replaceable wear edge	7730	3200	—	675	—	—	530	
25	Two-section crane jib	7727	1700	2800	—	Lifting height, mm	Lift capacity, kg	140	
	Three-section crane jib	7501	1750	2940	4100	5100	800	180	
	Hydraulically adjusted crane jib	7504	3300	4500	—	6500	400	280	
26	Hydraulically adjusted crane jib	7504	3300	4500	—	7500	400	280	
27	Concrete bucket w. hydraulic closing, sep.	7728	1150	1020	710	800	—	460	
28	Extension frame with hydr. operated impl. attachments	7505	1000	—	—	—	—	275	
	Extension frame with hydr. operated impl. attachments	7506	1500	—	—	—	—	310	

¹⁾ Width at rear 2,000 mm. ²⁾ Width at upper rear edge 1,300 mm. ³⁾ Point of lip projects 350 mm. ⁴⁾ Width at upper rear edge 1,550 mm. ⁵⁾ Side movement up to 165 mm. to either side. ⁶⁾ N.B. The number of fork tines required should always be stated in orders. Angle tines can be ordered with extra high back, cat. no. 7744, dim. C being 1000 mm. (39").

Forestry equipment for the **BM·VOLVO LM 218**

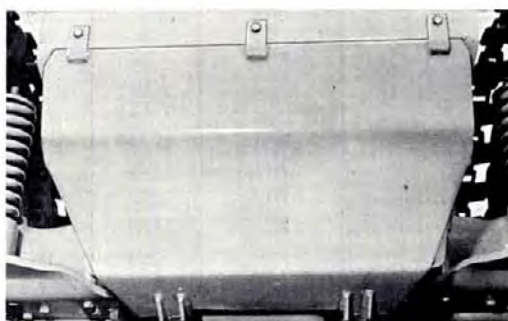
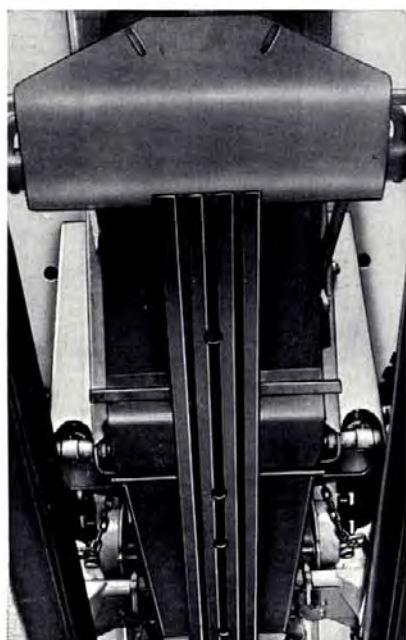


Half-track assembly, OSA-55C Special, with automatic track tensioning.

Comprises suspensions for extra track wheels, pair of tracks, side protection plates for the hydraulic flexible tubes and spacer drums for increasing track.

Part Nos. 7781, 7786, 736068

The great vertical travel of the extra track axles and the automatic track tensioning provide constant optimum surface grip.



Underbody protection

Protects all vital parts during off-the-road operations.

Part No. 7784

Protection plate for steering axle.

Part No. 7785

Protection plate underneath the driver-cabin for steering worm etc.

Part No. 7783

Protection plate between steering axle and drive shaft for LM 218.

Part No. 7789

Protection plate between steering axle and drive shaft for LM 218 TD.

Specifications subject to change without notice.

BOLINDER-MUNKTELL

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