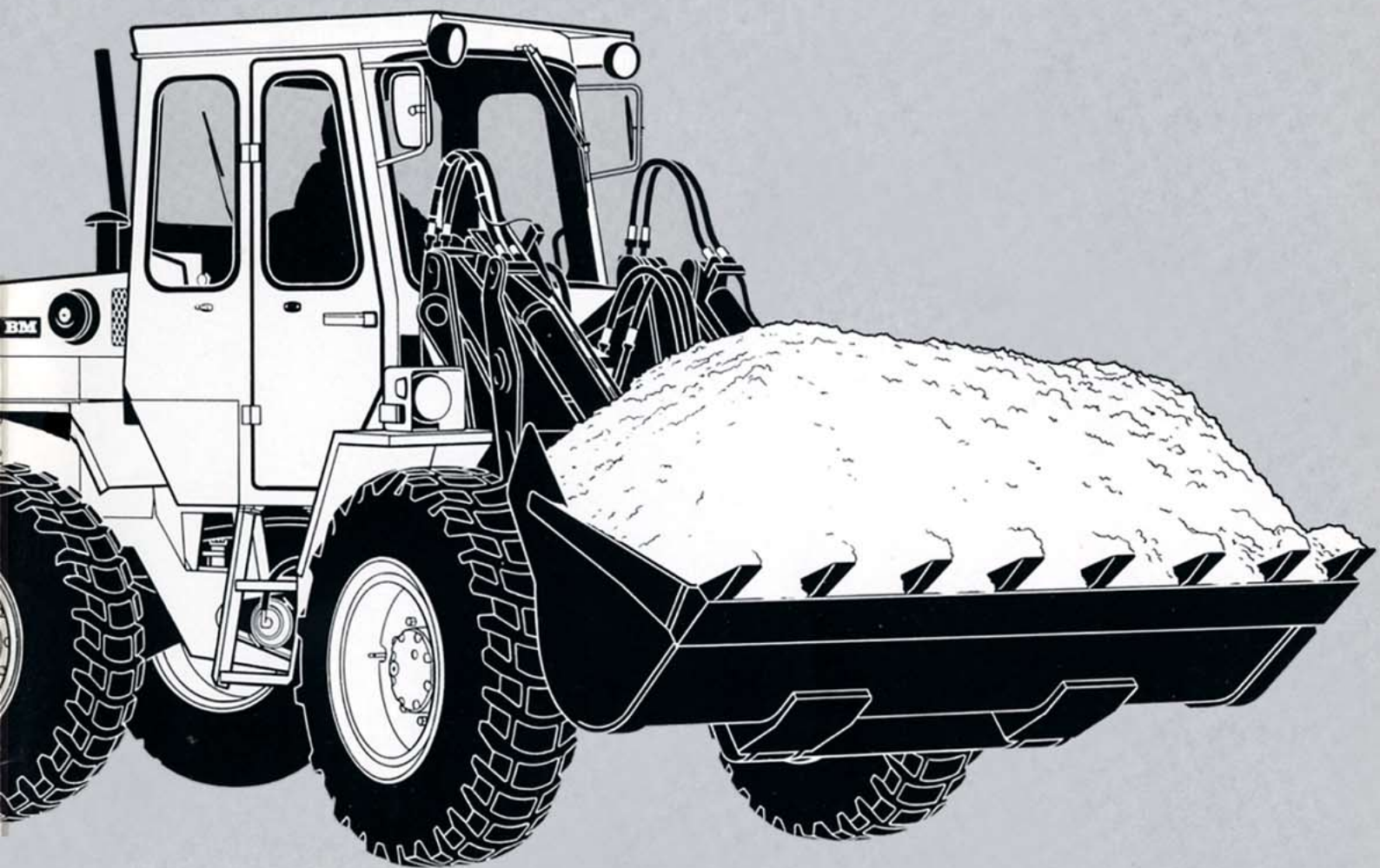


# ATTACHMENTS


FOR VOLVO BM LOADER

# 4200



# Genuine Volvo BM attachments give optimum overall economy

A loader is only as efficient as its attachment!  
You should therefore make the same quality and function demands on your attachments as you do on your loader. Attachments marketed by Volvo BM meet the most stringent requirements imaginable and are specially designed for use with Volvo BM loaders. The product plate which is now found on all genuine Volvo attachments is your guarantee that the attachment has been tried, tested and approved by Volvo BM. That's comforting to know!

		ARTIKEL/PART NR. <input type="text"/>	
		TILLV./MANUF. NR. <input type="text"/>	
		VIKT/WEIGHT <input type="text"/> kg	
		MAX TRYCK/PRESSURE <input type="text"/> MPa	
		MAX. LAST/SAFE LM <input type="text"/> kg	
		WORKING LOAD LM <input type="text"/> kg	
		LM <input type="text"/> kg	
		VOLYM/VOLUME/AREA <input type="text"/> m <sup>3</sup> <input type="text"/> m <sup>2</sup>	
		<input type="text"/>	
<b>VOLVO BM</b> SWEDEN			

The product plate gives the attachment's part No., manufacturing No., weight, size and maximum load on the machine in question. The plate marks the attachment as a genuine Volvo BM product and serves as an identification document.



## A practical range of attachments for a variety of hard jobs

The following line of attachments has been developed specially for the Volvo BM 4200 to give unsurpassed efficiency and economy on varying tasks in a variety of operations.

The illustration depicts a 4200 working with a grading bucket of extremely practical design and made of high quality material.

The Volvo 4200 has an attachment bracket with hydraulic lock. This enables the operator to change attachments without leaving his cab. The Volvo 4200 can be obtained with two types of attachment bracket:

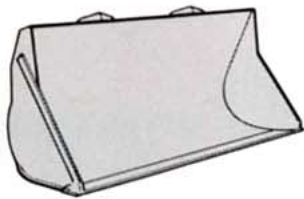
Mechanical attachment bracket (order No. 98344)

Hydraulic attachment bracket (order No. 97585)

Certain attachments require an extra hydraulic function on the machine.



### STRAIGHT LIP WITHOUT TEETH

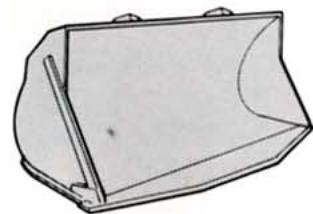


*Sand, gravel, soil — 1800 kg/m<sup>3</sup> (3000 lb/yd<sup>3</sup>).*

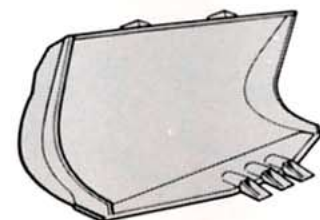
*Soil, clay, etc. — 1500 kg/m<sup>3</sup> (2500 lb/yd<sup>3</sup>).*

*Used for stockpiling and loading material which can be broken loose from the bank with relative ease. Bucket capacity is chosen in relation to material density.*

Order No.	Capacity SAE m <sup>3</sup> /ft <sup>3</sup>	Width mm	Depth mm	Height mm	No. of teeth	Weight kg
97984	0.8	2000	810	965	—	345
97989	1.0	2000	940	1000	—	385
<b>STRAIGHT LIP WITH TEETH</b>						
<p><i>Sand, gravel — 1800 kg/m<sup>3</sup> (3000 lb/yd<sup>3</sup>).</i></p> <p><i>Soil, clay, etc. — 1500 kg/m<sup>3</sup> (2500 lb/yd<sup>3</sup>).</i></p> <p><i>Used for loading material which requires high penetration and breakout forces and where some clearing of material must be done next to walls, for example.</i></p>						
97983	0.8	2000	940	960	7	370
97988	1.0	2000	1080	1000	7	400
<b>TRUNCATED VEE LIP WITHOUT TEETH</b>						
<p><i>For gravel and finely-blasted rubble — 1800 kg/m<sup>3</sup> (3000 lb/yd<sup>3</sup>).</i></p> <p><i>Used for loading material which requires high penetration and breakout forces. The bucket is also suitable where clearing next to walls etc. is required.</i></p>						
97986	0.8	2000	920	970	—	360
<b>TRUNCATED VEE LIP WITH TEETH</b>						
<p><i>For hard gravel and blast rubble — 1800 kg/m<sup>3</sup> (3000 lb/yd<sup>3</sup>).</i></p> <p><i>Used for loading material which requires very high penetration and breakout forces. The bucket has low-cut sides to facilitate easy penetration into the material.</i></p>						
97987	0.8	2000	1050	970	3	365

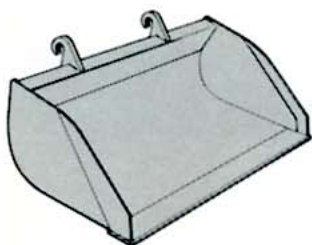


### TRUNCATED VEE LIP WITH TEETH





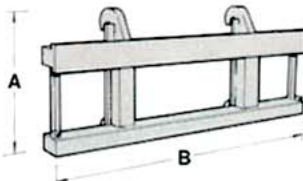
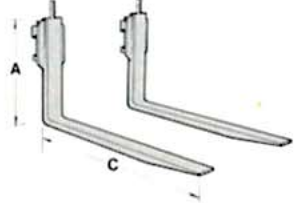
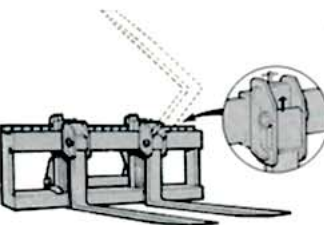
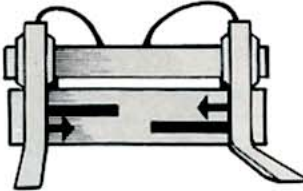
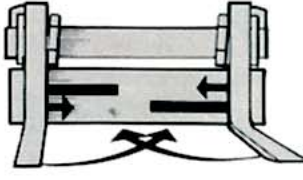

### GRADING BUCKET



For materials of density 1300—1500 kg/m<sup>3</sup> (2200—2500 lb/yd<sup>3</sup>). This bucket is intended for earth moving work such as overburden removal, small-scale dozing and excavation work, landscaping and levelling of landscaping materials. Its low height, deep bottom and special L profile make the bucket ideal for grading work.

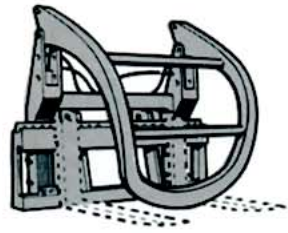
Order No.	Capacity SAE m <sup>3</sup> /ft <sup>3</sup>	Width mm	Depth mm	Height mm	No. of teeth	Weight kg
97990	1.1	2000	1310	890	—	430
<b>LIGHT MATERIALS BUCKET</b>						
For wood chips, coal, coke, snow etc.						
For materials of density 800 kg/m <sup>3</sup> (1350 lb/yd <sup>3</sup> ). Intended for handling material of low density and at relatively low dumping heights.						
97985	1.8	2000	1170	885	—	495
<b>HIGH-DUMP LIGHT MATERIALS BUCKET</b>						
For wood chips, max. density 500 kg/m <sup>3</sup> (850 lb/yd <sup>3</sup> ). This bucket is intended for handling materials of low density. Since it can be dumped over a special frame, an unloading height of 4.2 m (13 ft 10 in) can be reached.						
97968	2.0	2000	1320	1360	—	715
<i>The attachment requires an extra hydraulic function!</i>						
<b>COMBI-BUCKET</b>						
The bucket is intended for different types of earthmoving work and can be used as						
a) an ordinary bucket b) a grader blade c) a dozer blade d) a grab bucket						
98446	0.6	2000	695	790	7	640
<i>The attachment requires an extra hydraulic function!</i>						
<b>SAND-SPREADING BUCKET</b>						
Intended for spreading sand with a grain size of less than 10 mm. The adjustable nozzles at the rear permit half of the spreading width to be used if desired. The bucket can also be used for light snow removal.						
97845	1.2	1900	1290	1080	—	460
<i>The attachment requires an extra hydraulic function!</i>						



	Order No.	Width mm	Depth mm	Height mm	Weight kg
<b>FORK FRAME</b> 	<p>The fork frame in combination with different fork tines is particularly useful on building sites, at sawmills, terminals etc. A 1200 mm (4 ft) fork frame is recommended for loading and unloading of pallets from one side of a truck.</p>				
	97791	1200	165	730	120
	97792	1500	165	730	130
	97793	2000	165	730	165
<b>FORK TINES</b> 	<p>The fork tine is available in three different lengths. All are to be combined with the fork frame described above. NOTE! A fork tine which is too long can damage materials located in front of the load when that load is picked up and set down.</p>		(W × t)		
	97788	125 × 50	1050	780	115
	97789	125 × 50	1225	780	125
	97790	125 × 50	1450	780	130
	97785	125 × 35	1050	780	85
	97786	125 × 35	1225	780	95
	97787	125 × 35	1450	780	100
<p>Note! The order No. is for one fork tine only.</p>					
<b>HINGED FORK TINES</b> 	<p>Hinged fork tines are used where surface irregularities make the load difficult to pick up with conventional fork tines. The upward movement of the tines is 75 mm. They can also be folded back, a safety feature for driving on public roads.</p>		(W × t)		
	98097	125 × 50	1050	810	115
	98098	125 × 50	1225	810	125
	98099	125 × 50	1450	810	130
	98100	125 × 35	1050	810	85
	98101	125 × 35	1225	810	95
	98102	125 × 35	1450	810	100
<b>PALLET FORK WITH FORK SPREAD</b> 	<p>This type of fork frame is ideal in cases where the width of the load varies. The fork tines can be adjusted to fit the width of the load for stable and secure handling as required when working at freight terminals, factories etc. Adjustment 350—950 mm (14—37 in) c-c.</p>		1365	1545 (Fork tine 1225)	870
	97953				415
<p>With a 3rd hydraulic function, the fork tines can be positioned in unison. With both the 3rd and 4th hydraulic functions, they can be positioned individually.</p>					
<b>PALLET FORK WITH FORK SPREAD AND FOLD-IN</b> 	<p>The same functions as the above fork plus the fact that this fork automatically folds in its tines when they are moved to the outer positions. A very safety-enhancing feature for unladen travel.</p>		1365	1565 (Fork tine 1225)	870
	97952				450
<p>Depth in folded position, 465 mm (18 in)      The attachment requires two hydraulic functions!</p>					
<b>DIRECT MOUNTED FORK TINES</b> 	<p>Mounted directly on attachment bracket to reduce attachment weight and permit manual handling of attachment. Allows 300 kg (661 lb) greater net load than fork frame and fork tines.</p>				
	98944	75 × 55	1050	750	47
	98943	75 × 55	1225	750	50
	98945	75 × 55	1450	750	53
<p>Note! The order No. is for one fork tine only.</p>					



## COMBI-FORK WITH ONE-PIECE CLAMP



A fork which is recommended for the handling of palletized goods and roundwood, with a maximum palletized load height of 1200 mm. Fork tines of desired length can be mounted on the frame, and hinged fork tines will make handling materials on uneven surfaces far easier. Max. opening 1700—2200 mm (5'5"—7'3").

Order No.

97965

Area m<sup>2</sup>/ft<sup>2</sup>

0.8—1.05

Width mm

2000

Depth mm

1050—1450

Height mm

1410

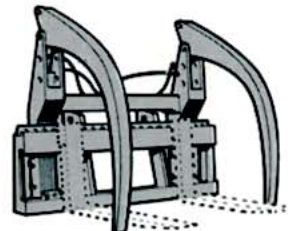
Weight kg

535

Depending on length of fork tine

Note! Fork tines not included. The attachment requires an extra hydraulic function!

## COMBI-FORK WITH TWIN-ARM CLAMP



This fork is suitable for materials handling at pulp mills, on building sites and at other places where both palletized goods and compressible materials such as waste paper, packaging materials etc. are handled. The clamping arms are automatically adjusted to provide a secure grip. Max. opening 1700—2200 mm (5'5"—7'3").

97967

0.8—1.05

1800

1050—1450

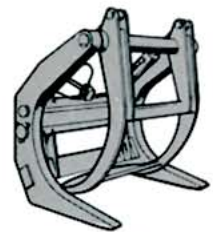
1400

470

Depending on length of fork tine

Note! Fork tines not included. The attachment requires an extra hydraulic function!

## LOG GRAPPLE



For feeding sorting plants from stacks and further transport to timber bins. Relatively long tines in order to reach into compartments. The clamp is equipped with a link which opens to 1370 mm (4'6") in order to enable it to take timber from stacks and to prevent timber from falling over the machine. The grapple is not ideally suited for unloading trucks, due to its relatively long tines. Its area is adapted for 4.5 m (15 ft) log lengths. The sorting grapple can be equipped with combined heel/kick-out of the chain type. Kick-out/heel is available as installation kit S No. 99088. Weight 65 kg (140 lb).

98378

0.57

1600

1200

1200

615

The attachment requires an extra hydraulic function.

## PULPWOOD GRAPPLE



Intended for handling pulpwood, this grapple has a larger area for the same machine size. The area is adapted for 3 m (10 ft) wood. The clamp is provided with a link which opens to 1630 mm (5'4") to prevent timber from falling over the machine when it is taken from the stack. The grapple is otherwise identical to the sorting grapple. The grapple is not ideally suited for unloading trucks, due to its long tines. The pulpwood grapple can be equipped with combined heel/kick-out of the chain type. Kick-out/heel is available as installation kit S No. 99089. Weight 95 kg (210 lb).

98512

0.8

1550

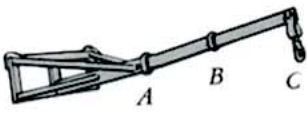

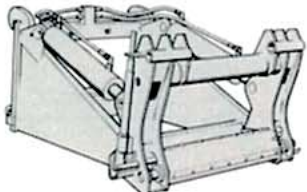
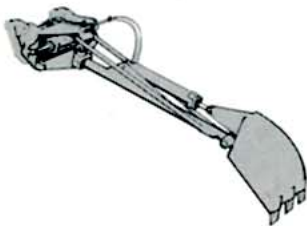
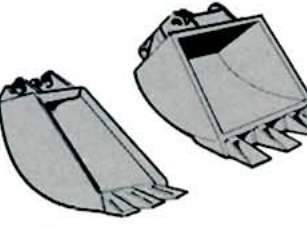
1550

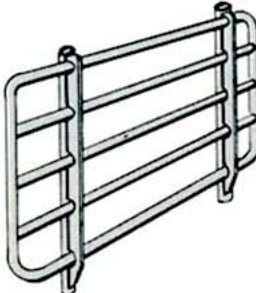
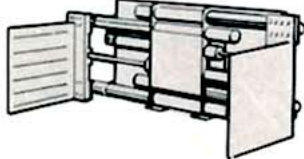
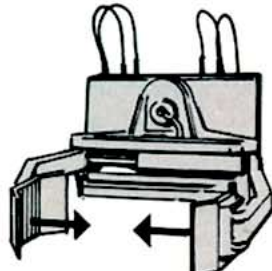
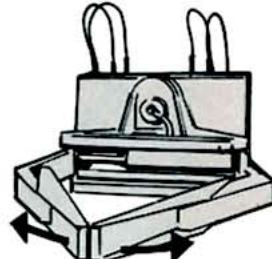
1350

575

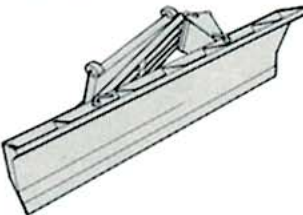
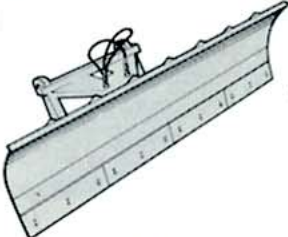
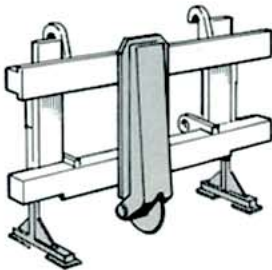
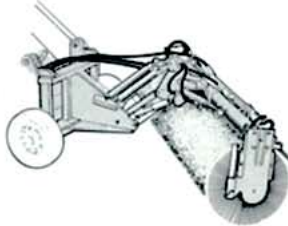
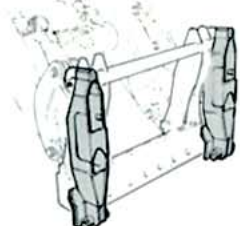
The attachment requires an extra hydraulic function.



	Order No.	Width mm	Depth mm	Height mm	Weight kg
<b>CRANE JIB</b>  <p>The crane jib has two extendable sections with built-in mechanical stops to prevent them from being pulled apart.</p>	97824	A 1850	C 4100	B 3000	385
<b>HYDRAULIC ARTICULATED CRANE JIB</b>  <p>The attachment requires an extra hydraulic function!</p> <p>This articulated jib has an extendable outer section which can also be hydraulically cranked. It is particularly useful on sites where loads have to be lowered below ground level or where various obstacles have to be passed. The jib has a line rupture valve and the outer section lowers at a restricted rate. Lowering angle 80°.</p>	97819	A 3100	—	B 4100	435
<b>EXTENSION</b>  <p>The extension is recommended for work with a pallet fork, bucket etc. where high lifting height and long reach are required with light loads.</p> <p>The attachment requires an extra hydraulic function!</p>	98376	1340	1000	920	415
<b>SERVICE EXCAVATOR</b>  <p>The excavator is recommended for service work on municipal jobs and for digging cable trenches, postholes etc.</p> <p>Digging depth 3.5 m (11 ft 6 in)</p> <p>Swing angle 170°</p> <p>Dumping height 3.1 m (10 ft 2 in)</p> <p>The machine used with this attachment must have both a 3rd and a 4th hydraulic function.</p>	97976	1450	3250	900	850
<b>EXCAVATION BUCKETS</b>  <p>Various buckets are available for the service excavator. They can easily be mounted and dismounted.</p> <p>Posthole bucket, 50 litres (1.8 ft³) 4 teeth</p> <p>Cable bucket, 96 litres (3.4 ft³) 3 teeth</p> <p>Excavator bucket, 167 litres (5.9 ft³) 4 teeth</p>	97822	475	—	—	90
	97823	350	—	—	100
	97821	550	—	—	130

	Order No.		Width mm	Depth mm	Height mm	Weight kg
<b>PROTECTION BARS</b>  <p><i>This type of attachment can be mounted on both old and new fork tines. The former type has a tube for mounting while the latter has a pin. The attachment is used for handling materials which should be supported so that they do not fall over the fork tines.</i></p> <p><i>According to lift truck reg. 94 this attachment is required for certain jobs.</i></p>	98568		1200	50	600	25
<b>HYDRAULIC BALE CLAMP</b>  <p><i>This attachment is designed for handling baled material such as pulp bales, scrap bundles etc.</i></p> <p><i>Working range 850—2400 mm (33—94 in)</i></p> <p><b>The attachment requires an extra hydraulic function!</b></p>	98067		1600	1050	850	630
<b>BARREL ROTATOR</b>  <p><i>This attachment is designed for handling drums and barrels which have to be turned in connection with loading/unloading e.g. scrap handling.</i></p> <p><i>Angle of rotation 210°.</i></p> <p><i>For barrel diameters up to 1600 mm (63 in).</i></p> <p><b>The attachment requires two extra hydraulic functions!</b></p>	97841		1400	1250	850	730
<b>CRATE ROTATOR</b>  <p><i>Intended for handling crates etc. which must be turned in connection with unloading.</i></p> <p><i>Angle of rotation 210°.</i></p> <p><i>For crates up to 350—1600 mm (14—65 in).</i></p> <p><b>The attachment requires two extra hydraulic functions!</b></p>	97843		1400	1700	850	720



		Order No.	Width mm	Depth mm	Height mm	Weight kg
<b>DOZER BLADE</b>  <p>The dozer blade is intended for dozing and levelling work and can be angled 20° to the left/right mechanically. The blade is mounted on the attachment. The wear steel can be reversed.</p>		234420*	2500	—	790	430
<b>SNOW BLADE Type KH (municipal blade)</b>  <p>Recommended for snow clearance of roads, etc. The blade has a reversible cutting edge divided into sections which fold up when they run into small obstacles such as manhole covers. It is hydraulically adjustable 30°. The blade is not recommended for earthmoving work.</p> <p><i>The attachment requires an extra hydraulic function!</i></p>		233894* 233895*	2400 3200	—	800 800	450 560
<b>ASPHALT CUTTER</b>  <p>Facilitates removal of asphalt for repair work on roads, sidewalks etc. This attachment makes one cut so that the asphalt edge is not damaged during excavation.</p> <p>Cutting depth: 50–70 mm (2–3 in). Mounted on form frame</p>		97815	300	380	1050	96
<b>SWEEPER (not collecting)</b>  <p>Intended for use where the sweepings do not have to be collected.</p> <p>Can be equipped with a water tank and spray nozzle for binding the dust.</p> <p>Flow distributor 233947* required. 3rd and 4th hydraulic functions required.</p>		233902* 233903*	2200 2500	1500 1500	1000 1000	435 480
<b>ADAPTER</b>  <p>This adapter makes it possible to use attachments with oldertype brackets. But it is not suitable if you have to switch frequently, since this defeats the purpose of the snap-on coupling.</p> <p>The order No. is for one adapter, two are required.</p>		97869	180	100	800	30

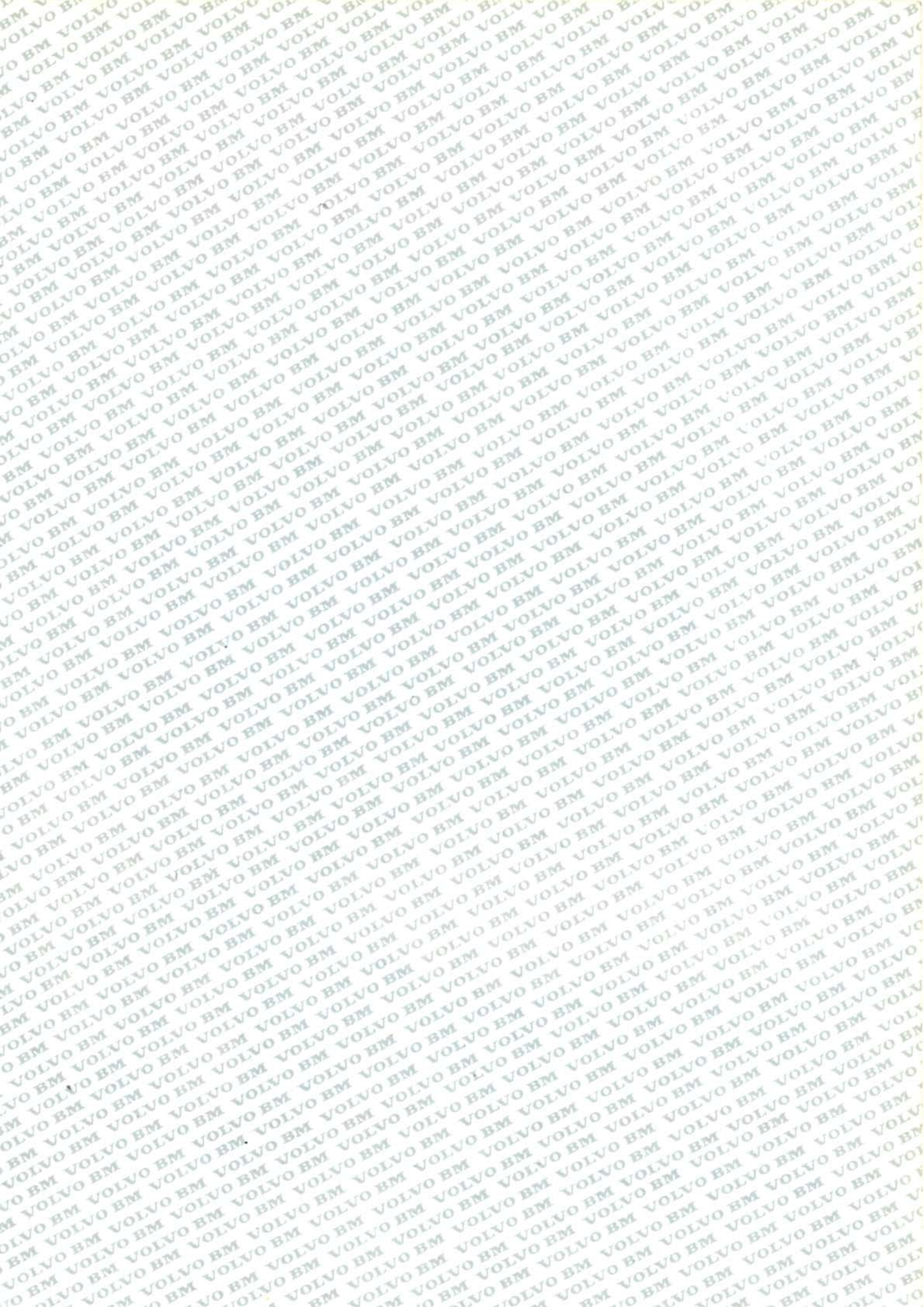




The Volvo BM 4200 is a nimble and efficient loader with a wide range of attachments and hydraulic attachment bracket enables you to switch from one job to another in minutes. You get a machine that works efficiently and at high capacity.









A nimble and efficient jack-of-all-trades — the Volvo BM 4200. Its moderate size coupled with the all-new loader unit, minimum turning radius, optimum operator comfort and wide range of attachments guarantee high productivity.

---

**VOLVO BM**  
VOLVO BM AB ESKILSTUNA SWEDEN

*Under our policy of continual product improvement, we reserve the right to alter specifications and design without notice. The illustrations do not necessarily show the standard version of the machine.*

Ref.No. 21 2 669 1360  
**ENGELSKA**  
Production group for basic printed matter Volvo BM  
Photo: Foto Consult