

Attachments

U.S.A. version



Merlo carriages

ZM2S carriage

CARRIAGE MODEL	WIDTH (in)	HEIGHT (in)	MAX CAPACITY (lb)
ZM2 S	33	17	5511

ZM2 carriage

CARRIAGE MODEL	WIDTH (in)	HEIGHT (in)	MAX CAPACITY (lb)
ZM2	46,8	15	5500/9900

ZM3 - ZM3 3TL* carriage

CARRIAGE MODEL	WIDTH (in)	HEIGHT (in)	MAX CAPACITY (lb)
ZM3	46,8	27,8	9900/16530
ZM3 3TL	46,8	27,8	9900/16530

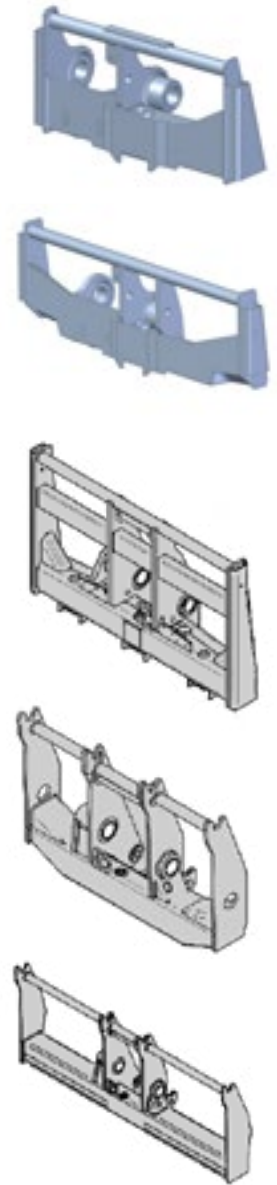
*Triple Tac-Lock

ZM4 carriage

CARRIAGE MODEL	WIDTH (in)	HEIGHT (in)	MAX CAPACITY (lb)
ZM4	53,5	37,3	17630/26455

ZM4 XL carriage

CARRIAGE MODEL	WIDTH (in)	HEIGHT (in)	MAX CAPACITY (lb)
ZM4	91,1	37,3	17630/26455



Tac-Lock

Tac-Lock: hydraulic attachment clamping system from the cab



Standard Tac-Lock



Triple Tac-Lock



Tac-Lock ZM4

Machine ranges

Ask for USA model availability

COMPACT THL	MEDIUM CAPACITY THL	STABILIZED THL	HIGH CAPACITY THL	ROTATING THL	TRACTOR THL
ZM2S	ZM2	ZM2	ZM3	ZM2	ZM2
EW25.5-90	TF35.7CS-140EE4	P30.10EE4	TF50.8TCS-170-HF	ROTO40.18EE4	MF34.7CS-140
ZM2	TF33.9CS-140EE4	P35.11EE4	TF50.8TCS-170-CVT-HF	ROTO40.18SEE4	MF44.9CS-170-CVT
P27.6EE4PLUS	TF42.7CS-140EE4	TF35.11TT-145	TF65.9T-170-HF	ROTO50.21S PLUSEE4	
P27.6EE4TOP	TF42.7TTCS-140EE4	P40.13EE4	TF65.9TCS-170-HF	ROTO50.26S PLUSEE4	
TF33.7-115LEE4	TF38.10CS-140EE4	P40.13PLUS	TF65.9TCS-170-CVT-HF	ROTO50.30S PLUSEE4	
TF30.9-115EE4	TF38.10TTCS-140EE4	P40.17EE4	P72.10PLUS	ROTO50.35S PLUSEE4	
TF30.9-115LEE4		P40.17PLUS	P50.18HM		
			P65.14HM	ZM3	
		ZM3		ROTO70.24S PLUSEE4	
		P50.17TOP	ZM4	ROTO70.28S PLUSEE4	
		P50.18PLUS	P120.10HM		

Legend

ABBREVIATIONS	
Compact Thl	COMP
Medium capacity Thl	MC
Tractor Thl	MF
Stabilized Thl	STAB
High capacity Thl	HC
Rotating Thl	ROTO

APPLICATIONS	
	Agriculture
	Building
	Industry
	Ecology

SYMBOLS	
●	applicable
-	not applicable

WARNING: This information is by way of example only and does not in any way authorize the combination of the attachment to the machine model cited. Consult the use and maintenance manual of the handler for the list of authorized attachments.

Dynamic load control

For the Merlo Group, safety is an absolute value: this is why the exclusive new generation Merlo ASCS (Adaptive Stability Control System) system has been designed. The purpose of this technology is to allow the operator to work in total safety, making the most of the telescopic handler's potential and the attachment used.

Automatic recognition of the attachment



Sensor on the attachment



Sensor on the carriage

The Merlo ASCS system allows the telehandler:

- to recognize the mounted attachment by automatically calibrating the vehicle's behavior and reaction parameters. Thanks to specific load diagrams, the Merlo ASCS system is therefore able to maximize machine stability and adapt boom movements to the specific working situation;
- to analyse the values received from the load sensor, by determining, in real time, the actual capacity of the machine.

The operator can check the dynamic balance of the machine at any time, thanks to the traffic light on the front upright. When the operational stability limit is reached, the system first reduces the speed of the arm and then stops movement completely. All movements towards a position under safer conditions are permitted during this phase.

Depending on the implement in use, the system is able to vary the response of the machine and the speed of movements.

Under EN15000 standard, automatic activation of the working free zone is allowed when the machine is equipped with a shovel, which is recognized accordingly. A working area of up to 3' 3" of reach and 10° of lift.

Within this area it is possible to operate without the control system blocking the movement of the implement in case of overload, facilitating digging operations and ensuring perfectly smooth movements.

All information is displayed on the LCD screen, allowing the operator to use the telescopic handler simply and safely.

The system is able to recognize all the attachments produced by TreEmme.



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Merlo forks, fork carriers

Standard forks

SALES REF.		ZM	WEIGHT (lb)	LENGTH (in)	MAX CAPACITY (lb)
PAIR	SINGLE		SINGLE	SINGLE	SINGLE
A0300	A0300.1	ZM2	170	47	3860
A0304	A0304.1	ZM2	192	47	4960
A0305	A0305.1	ZM4	639	71	11000/13225
A0308	A0308.1	ZM2	187	47	4960
A0311	A0311.1	ZM2	192	47	4960
A0312	A0312.1	ZM3	309	47	6600
A0323	A0323.1	ZM3	311	47	8270
A0315	A0315.1	ZM2	198	59	3860
A0316	A0316.1	ZM2	216	59	4960
A0317	A0317.1	ZM2	223	59	4960
A0318	A0318.1	ZM3	355	59	6600
A0319	A0319.1	ZM3	472	59	8270
A0322	A0322.1	ZM4	635	71	11000
A0323	A0323.1	ZM3	622	47	8270



Extra large forks carriage

SALES REF.	ZM	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)
A0100	ZM2	291	75	8160
A0101	ZM3	463	76	13230



Carriage with floating forks

SALES REF.	ZM	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)
A0291	ZM2	639	47	8820
A0292	ZM2	672	47	8820
A0293	ZM2	485	47	3300
A0294	ZM2	507	47	3300



Extra long forks carriage

SALES REF.	ZM	WEIGHT (lb)	WIDTH (in)	LENGTH (in)	MAX CAPACITY (lb)
				SINGLE	
A0606	ZM2	926	47	94	3970
A0605	ZM2	904	47	79	4850
A0608	ZM3	1411	48	94	5950
A0607	ZM3	1279	48	79	7055



FEM forks, fork carriers

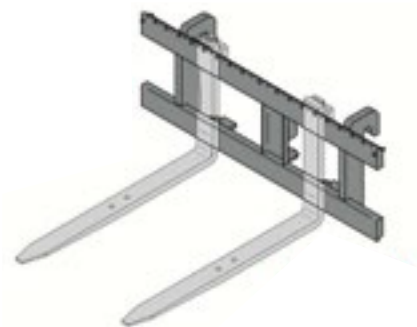
FEM forks

SALES REF.		FEM ATTACH.	WEIGHT (lb)	LENGTH (in)	MAX CAPACITY (lb)
PAIR	SINGLE		SINGLE	SINGLE	SINGLE
A0500	A0500.1	III	183	47	4740
A0525	A0525.1	IV	289	47	8270



FEM forks carriage

SALES REF.	FEM ATTACH.	ZM	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)
A0200	III	ZM2	320	59	9920
A0201	III	ZM2	344	59	9920
A0210	III	ZM2	408	79	9920
A0211	III	ZM2	419	79	9920
A0230	IV	ZM3	683	59	16530
A0240	IV	ZM3	783	71	16530



Forks sidsifter on standard carriage

SALES REF.	FEM ATTACH.	ZM	WEIGHT (lb)	WIDTH (in)	TRANSLATION MOVEMENT (in)	MAX CAPACITY (lb)
A0281	III	ZM2	904	53	+/- 6	8810
A0282	III	ZM2	838	53	+/- 6	8810
A0283	IV	ZM3	1235	53	+/- 6	15430





Fork positioner



Automatic fork positioner on ZM2, ZM3 carriage

FEATURES

- Allows the forks to be moved safely
- To be applied on standard ZM2, ZM3 carriage
- Extreme versatility of use
- Hydraulic actuator



COMMERCIAL REF. CODE	ZM	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)
A0271	ZM2	694	47	9920
A0272	ZM3	1102	47	16530

REQUIREMENTS	OPTIONS	LIMITATIONS
-	-	-



Concrete mixer



Designed to mix and handle concrete having a maximum density of 5511 lb/ft³

FEATURES

- Hydraulic hatch opening and closing, even with radio control
- Hydraulic control of propeller protective grid, with automatic closure device
- Wear resistant, replaceable steel propellers
- Rotating chute for delivering concrete



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	LOAD CAPACITY (ft ³)	MAX CAPACITY (lb)	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1565	1521	42	12	1930	●	●	●	●	-	-
A1570	1653	67	18	2760	●	●	●	●	-	-
A1571	1653	67	18	2760	-	-	-	-	-	●
A1580	1940	88	26	4130	●	●	●	●	-	-
A1581	1940	88	26	4130	-	-	-	-	-	●
A1583	2249	88	26	4130	-	-	-	-	●	-

REQUIREMENTS	OPTIONS	LIMITATIONS
Oil continuous pumping	Extension chute (4.9 ft), unload hose (4.9 ft), radio control	-



Lifting boom



Ideal attachment for handling suspended overhanging loads

FEATURES

- Type-approved safety hook fitted with safety tang slewing over 360°.
- Ideal for handling suspended loads
- Load limiter fitted as standard
- Sturdy structure



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	LENGTH* (in)	MAX CAPACITY (lb)	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1124B	276	20	53	3300	●	-	-	-	-	-
A1115A	276	20	53	3000	●	-	-	-	-	-
A1116A	291	20	53	4960	●	●	●	●	-	-
A1117B	441	20	53	4960	-	-	-	-	●	-
A1118B	276	19	53	4850	●	●	●	●	-	●
A1119B	419	22	53	7720	-	-	-	-	●	●

*carriage – hook center distance

REQUIREMENTS

OPTIONS

LIMITATIONS



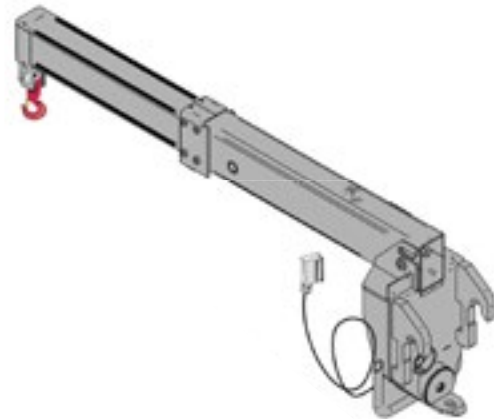
Telescopic lifting boom



Attachment designed for handling suspended overhanging loads

FEATURES

- Type-approved safety hook fitted with safety tang slewing over 360°.
- Ideal for handling suspended loads
- Load limiter fitted as standard
- Extendable boom (28 in.)



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	LENGTH* (in)	MAX CAPACITY (lb)	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1122A	485	20	57	4960	-	-	-	●	-	●
A1123B	485	20	57	3300	-	●	●	●	-	●
A1127B	763	20	65	4850	-	-	-	-	●	●

*carriage - hook center distance

REQUIREMENTS	OPTIONS	LIMITATIONS
-	-	-



Fly jib



Ideal for lifting, transport and positioning of suspended loads

FEATURES

- High stiffness, low-weight trellis structure
- Type-approved safety hook fitted with safety tang slewing over 360°.
- Load limiter fitted as standard
- Available in various lengths



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	LENGTH* (in)	MAX CAPACITY (lb)	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1230B	276	16	127	880	●	-	-	-	-	-
A1225B	408	18	197	1100	-	-	-	-	-	●
A1200B	247	16	127	1320	●	●	●	●	-	●
A1220B	326	18	146	1980	-	-	-	-	●	●
A1210B	265	17	75	3300	●	●	●	●	-	●

*carriage – hook center distance

REQUIREMENTS	OPTIONS	LIMITATIONS
-	Fly jib transport equipment	-



Fly jib with winch



Ideal for lifting, transport and positioning of suspended loads

FEATURES

- Type-approved safety hook block fitted with safety tang slewing over 360°.
- High stiffness, low-weight trellis structure
- Several hook travels are available based on model
- Load limiter fitted as standard



COMMERCIAL REF. CODE	WEIGHT (lb)	LENGTH (in)	MAX HOOK TRAVEL (yd)	MAX CAPACITY (lb)	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1300B	452	139	31	1320	●	●	●	●	-	●
A1330B	474	139	31	880	-	-	-	-	-	-
A1310B	635	78	33	3300	●	●	●	●	-	●
A1320B	672	152	25	1980	-	-	-	-	●	●
A1215B	639	61	38	4400	-	-	-	●	-	●
A1321B	728	79	38	4400	-	-	-	-	●	●

REQUIREMENTS	OPTIONS	LIMITATIONS
-	Fly jib transport equipment	-



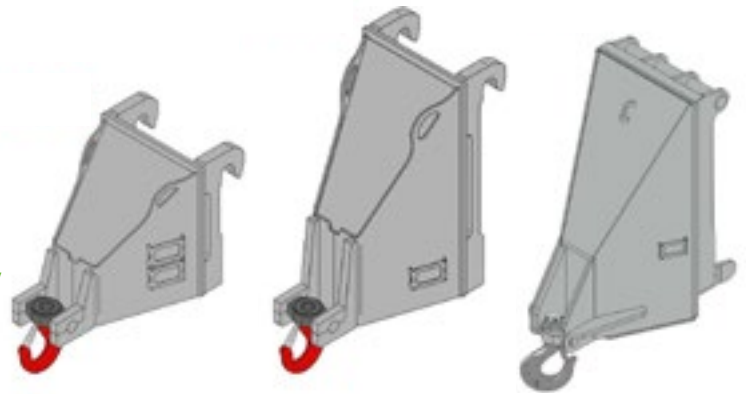
Crane hook



Attachment designed for lifting and handling suspended loads

FEATURES

- Ideal for the construction and industry sectors
- Type-approved safety hook fitted with safety tang slewing over 360°.
- Compact attachment
- Possibility of reaching the machine's maximum capacity



COMMERCIAL REF. CODE	WEIGHT (lb)	LENGTH* (in)	MAX CAPACITY (lb)	MACHINE RANGE					
				COMP	MC	MF	STAB	HC	ROTO
A1000	220	22	11000	●	●	●	●	-	●
A1001	326	22	16530	-	-	-	-	●	●
A1003	705	27	26450	-	-	-	-	●	-
A1004	243	22	4960	-	-	-	-	-	●

*carriage – hook center distance

REQUIREMENTS	OPTIONS	LIMITATIONS
-	-	-



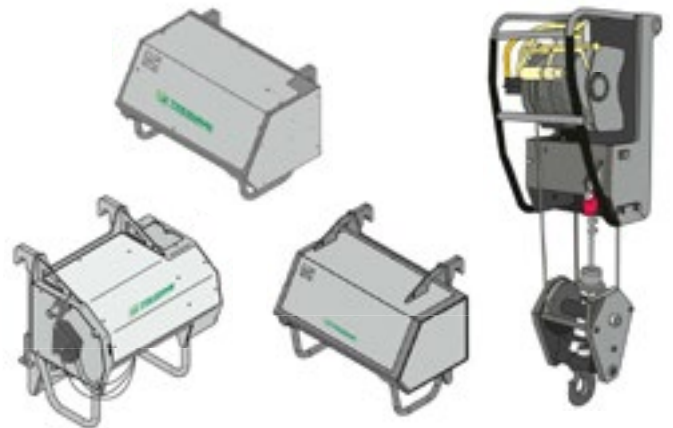
Hydraulic winch on carriage



Attachment designed for lifting suspended loads

FEATURES

- Fitted with an idler system to ensure cable-drum adherence
- Support available for transporting a winch on the machine (only for certain models - optional)
- Hook speed between 91 and 36 ft./min.
- Simplified maintenance



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	MAX HOOK TRAVEL (yd)	MAX CAPACITY (lb)	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A2766	1268	48	38	9920	-	-	-	●	-	●
A2769	1323	48	38-26*	9900-14900*	-	-	-	-	●	●

*dual towing/triple towing

REQUIREMENTS	OPTIONS	LIMITATIONS
-	Winch transport equipment (only for certain machine models)	-



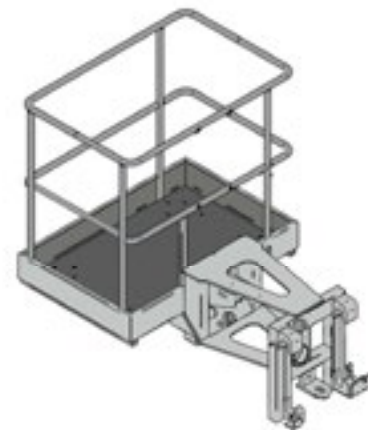
Fixed width platform



Platform designed for safe lifting of 2 people

FEATURES

- Maximum safety
- Non-slip floor
- Easy access to work level
- Equipped with a load-sensing device with pre-alarm and alarm



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)	PERSON	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1761.1	642	96	700	3	-	-	-	●	-	●
A1762.1	683	96	700	3	-	-	-	-	●	-
A1764.1	496	45	500	2	●	-	-	-	-	-

REQUIREMENTS	OPTIONS	LIMITATIONS
Provision for platform	-	Not compatible with radial wheels. The combination of an overhead working platform to a machine must be expressly authorized by Merlo SPA



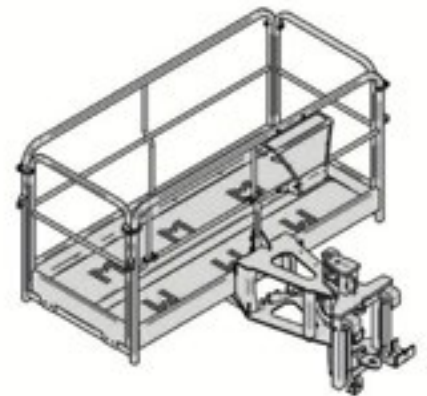
Fixed width slewing platform



Platform designed for safe lifting of two/three people

FEATURES

- Hydraulically operated platform side rotation
- Equipped with control panel for managing machine and attachment movements
- Easy access to the platform area
- Version available with upper guard



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)	PERSON	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1765.1	410	91	660	3	-	-	-	●	●	●
NEW A1765A.1	892	91	660	3	-	-	-	-	●	●
A1769.1	410	158	2200	3	-	-	-	-	-	●

*version with upper guard

REQUIREMENTS	OPTIONS	LIMITATIONS
Provision for platform	-	The combination of an overhead working platform to a machine must be expressly authorized by Merlo SPA



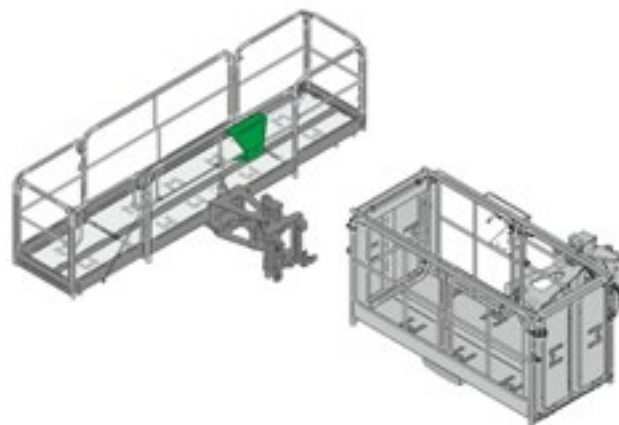
Extendible Slewing platform



Platform designed for safe lifting of two/three people

FEATURES

- Lightweight structure to provide larger work area
- Hydraulically operated platform side rotation
- Manual opening of the two extending structures, performed from inside and at height
- Load limiter fitted as standard



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)	PERSON	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1763.1	871	45	660	3	-	-	-	-	-	●
A1766.1	1135	91	660	3	-	-	-	●	-	●
NEW A1766A.1	1280	91	660	3	-	-	-	-	●	●
A1768.1	1250	91	1760	3	-	-	-	●	-	●
NEW A1768A.1	1300	91	1760	3	-	-	-	-	●	●

REQUIREMENTS	OPTIONS	LIMITATIONS
Provision for platform	-	The combination of an overhead working platform to a machine must be expressly authorized by Merlo SPA



SPACE platform



Platform designed for safe lifting of two people

FEATURES

- Allows use in a broad range of situations
- Telescopic platform boom
- Negative and positive operativity
- Rotation on carriage axis by +180°/-130°



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)	OPERATIVITY (ft)	MACHINE RANGE					
					COMP	MC	MF	STAB	HC	ROTO
A1873.1	1356	50	440	36/-30	-	-	-	-	-	●

REQUIREMENTS	OPTIONS	LIMITATIONS
Provision for platform	-	The combination of an overhead working platform to a machine must be expressly authorized by Merlo SPA



Bricks handler



Attachment ideal for handling materials such as bricks and building blocks

FEATURES

- Ideal for every kind of industrial sector
- Access door to loading area fitted with closure lock
- Lightweight, sturdy structure
- It is compatible with ZM2 and ZM3 carriages



COMMERCIAL REF. CODE	WEIGHT (lb)	WIDTH (in)	MAX CAPACITY (lb)	MACHINE RANGE					
				COMP	MC	MF	STAB	HC	ROTO
A1900	441	47	2200	●	●	●	●	●	●

REQUIREMENTS	OPTIONS	LIMITATIONS
-	-	Only to be used for carrying materials .