

2017 big trailers series

dumper

Since 1960

ZACCARIA
QUALITY TRAILERS



Since 1960

ZACCARIA

QUALITY TRAILERS

2017 Series



- 60 years of experience

- More than 30.000 trailers sold

- Producing more than 100 patterns

- 6 prize Eima for technical innovation



dumper

1

TWO AXLES ACTIVE VERSION

Standard equipment:

Self-steering rear axle.
Hydraulic parking stand.
Single cylinder rear tipping.
Industrial parabolic leaf spring suspensions.
Automatic braking controller.
Hydraulic watertight rear door.
Galvanised rear light bar.
PVC mudguards. New Tires.
PVC tool box. Rear ladder.

On Demand:

Aluminium side extensions H50 cm and H70 cm.
Hydraulic opening of the front extension side.
Gear pump and PTO shaft.
Gear pump operated by hydraulic motor.
Two types of brakes. Special draw bar eye for export.
PVC manual cover.
PVC Lateral cover pneumatic control.
PVC Lateral cover pneumatic control with hard structure.



PVC Manual cover.

IDEAL FOR CEREALS
AND WOOD CHIPS



Galvanised rear light bar



ZAM 140 D2P ACTIVE

MODEL	BODY SIZE cm.	VOLUME m ³	TARE Tons	GROSS WEIGHT Tons	Nr TIPPING CYLINDER	BRAKE SIZE	TYRES	H. PLATFORM cm.	BRAKING SYSTEM
ZAM 140 D2P Active	550x255x170	21	37	18.0	1	400x80 10 columns	560/60 R22,5 Flotation Radial new	135	Pneumatic
ZAM 140 D2I Active									Hydraulic

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.

dumper

2



**DUMPER
DOUBLE AXLES
PLUS VERSION**

TWO AXLES PLUS VERSION

Standard equipment:

Special steel body (4 mm. thick) and Domex (high strength steels) bottom. Self-steering rear axle. Hydraulic parking stand. Rear tipping. Four parabolic leaf spring suspensions. Automatic brake adjuster. Hydraulic watertight rear door. Stainless steel rear light bar. PVC mud flaps. Stainless steel tool box. Wheel cap nuts. Rear ladder. Double lights and sides marker lights. Powder coating with anti rust. On model ZAM 140 D2: Double piston for tipping system, Industrial axles with 10 columns.

New optionals:

Independent hydraulic suspensions. Electro-hydraulic push button panel for all hydraulic functions.

On demand:

Front driving axle. Stainless steel body and painted steel structure. Aluminium side extensions. Hydraulic opening of the front extension side. Gear pump and PTO shaft. Gear pump operated by hydraulic motor. Steering corrector valve. LED lights. Special draw bar eye. Monitor/camera Kit for reversing. Manually operated PVC cover. Pneumatic operated lateral PVC Cover. Pneumatic operated lateral PVC Cover with rapid-release system and hard structure.

Optionals: hydraulic suspension with independent hubs

MODEL	BODY SIZE cm.	VOLUME m3	TARE Tons	GROSS WEIGHT Tons	BRAKE SIZE	Nr CYLINDER TIPPING	TYRES	H. PLATFORM cm.	BRAKING SYSTEM
ZAM 110 DP Plus	480x245x135	13.5	3.0	16.0	300x90 8 columns	1	385/55R19,5 new	115	Pneumatic
ZAM 110 DI Plus									Hydraulic
ZAM 140 D1P Plus	480x245x135	13.5	3.0	18.0	400x80 8 columns	1	435/50R19,5 new	120	Pneumatic
ZAM 140 D1P Plus									Hydraulic
ZAM 140 D2P Plus	550x255x170	21	4.5	18.0	406x120 industrial 10 columns	2	560/60R22,5 Flotation Radial new	138	Pneumatic
ZAM 140 D2I Plus									Hydraulic
ZAM 140 D3P Plus	600x255x170	22.5	4.7	18.0		2		138	Pneumatic
ZAM 140 D3I Plus									Hydraulic
ZAM 140 D3P Super Plus	600x255x195	26.5	47	18.0		2		138	Pneumatic
ZAM 140 D3I Super Plus									Hydraulic
ZAM 140 D4P Plus	650x255x170	24.5	4.8	18.0		2		138	Pneumatic
ZAM 140 D4I Plus									Hydraulic

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.

dumper

3



On demand: Aluminium extension side and hydraulic opening of the front extension side.



Optional: Hydraulic suspensions with independent hubs

Stability of the load in every ground conditions. Uniform braking. Brake force evenly distributed to all wheels. Excellent flow gradients exceeding. Fuel economy.

NEW:
SELF LEVELLING HYDRAULIC SUSPENSIONS.
EASY DUMPING WITH REAR SCROLL.



ZAM 140 D3P
available with manually operated PVC cover

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.

dumper

4

IDEAL FOR
CEREALS AND WOOD
CHIPS



THREE AXLES ACTIVE VERSION

Standard equipment:

Self-steering front and rear axles.
Hydraulic parking stand.
Rear tipping operated by gear pump and PTO shaft.
Parabolic leaf spring suspensions.
Automatic brake adjuster.
Hydraulic watertight rear door.
Galvanised rear light bar.
PVC mudguards. Rear ladder.
PVC tool box.

On Demand:

Aluminium Extension sides H 50 cm & H 70 cm.
Hydraulic opening of the front extension side.
Gear pump and PTO shaft.
Gear pump operated by hydraulic motor.
Manually operated PVC cover.
Pneumatic operated lateral PVC Cover.
Pneumatic operated lateral PVC Cover with rapid-release system and hard structure.
Special draw bar eye for export.



Hydraulic watertight rear door

MODELLO	BODY SIZE cm.	VOLUME m3	TARE Tons	GROSS WEIGHT Tons	Nr TIPPING CYLINDER	BRAKE SIZE	TYRES	PLATFORM H. cm.	BRAKING SYSTEM
ZAM 200 DP7 Active	700x255x170	27	6.1	27.0	1	406x120 industrial 10 col.	560/60 R22,5 Flotation Radial new	138	Pneumatic
ZAM 200 DI7 Active									Hydraulic
ZAM 200 Dp7 SUPER Active	700x255x195	30	6.5	27.0	1	on demand: 420x180 industrial 10 col.	on demand: 600/55 R26,5	145	Pneumatic
ZAM 200 Di7 SUPER Active									Hydraulic

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.

dumper

5

**OPTIONALS:
NEW TYRES**
650/55R26,5
710/50R26,5



**optional:
on dumper 8 m.
AMORTIZED
DRAWBAR**



Manual PVC Cover



Aluminium extension sides with pneumatic PVC cover

MODEL	BODY SIZE cm.	VOLUME m3	TARE Tons	GROSS WEIGHT Tons	Nr TIPPING CYLINDER	BRAKE SIZE	TYRES	PLATFORM H. cm.	BRAKING SYSTEM
ZAM 200 DP8 Active	800x255x170	31	7.6	27.0	1	406x120 industrial 10 col.	560/60 R22,5 Flotation Radiali new	143	Pneumatic
ZAM 200 D18 Active									Hydraulic
ZAM 200 DP8 SUPER Active	800x255x195	36	7.9	27.0	1	On demand: 420x180 industrial 10 col.	On demand: 600/55 R26,5	147	Pneumatic
ZAM 200 D18 SUPER Active									Hydraulic

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.

dumper

6

**OPTIONALS:
NEW TYRES
650/55R26,5
710/50R26,5**



ZAM 200 DP 7 Super Plus
with aluminium extension sides
and pneumatic operated lateral
PVC cover

THREE AXLES PLUS VERSION

Standard equipment:

Special steel body (4 mm. thick) and Domex (high strength steels) bottom.
Rear tipping operated by gear pump and PTO shaft (not available on ZAM 200 DP 6 - ZAM 200 DI 6).
Hydraulic tipping system controlled from driver's seat.
Independent Hydraulic Suspensions and lifting of the front axle. Steering regulator.
Industrial axles with 10 columns.
Automatic brake regulator for pneumatic brake.
Stainless Steel Rear Light Bar. PVC mudguards
Hydraulic watertight rear door. Hydraulic parking stand.
Nr. 1 tipping cylinder. Self-steering front and rear axles.
Stainless steel tool box. Wheel cap nuts.
Double lights and sides marker lights.

On Demand:

Stainless steel body and painted steel structure.
Aluminium extension sides H 50 cm and H 70 cm.
Hydraulic opening of the front extension side.
Gear pump and PTO shaft on ZAM 200 DP 6 - DI 6.
Gear pump operated by hydraulic motor.
Electro-hydraulic push button panel for all hydraulic functions, LED lights. Monitor/camera Kit for reversing.
PVC manually operated cover.
Pneumatic operated lateral PVC Cover.
Pneumatic operated lateral PVC Cover with rapid-release system and hard structure. Special draw bar eye for export.

DUMPER THREE AXLES PLUS VERSION

MODEL	BODY SIZE cm.	VOLUME m ³	TARE Tons	GROSS WEIGHT Tons	Nr TIPPING CYLINDER	BRAKE SIZE	TYRES	PLATFORM H. cm.	BRAKING SYSTEM
ZAM 200 DP 6 Plus	600X255X170	22.5	5.6	27	1	406x120 industrial 10 col.	560/60R22,5 Flotation Radial new	138	Pneumatic
ZAM 200 DI 6 Plus	600X255X170	22.5	5.6	27					Hydraulic
ZAM 200 DP 7 Plus	700x255x170	27	6.5	27	1	On demand: 420x180 industrial 10 col.	On demand: 600/55 R26,5 Flotation Radial new	145	Pneumatic
ZAM 200 DI 7 Plus	700x255x170	27	6.5	27					Hydraulic
ZAM 200 DP 7 SUPER Plus	700x255x195	30	6.9	27	1				Pneumatic
ZAM 200 DI 7 SUPER Plus	700x255x195	30	6.9	27					Hydraulic

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.

dumper

7



ZAM 200 DP 8
Equipped with extensions sides

Lateral PVC cover with pneumatic arms
Rapid release system ideal for wood chips pneumatically operated.

PATENTED



Lateral PVC cover with pneumatic arms
Rapid release system ideal for wood chips pneumatically operated with hard structure

PATENTED



optional:
on dumper 8 m.
AMORTIZED DRAWBAR

Optional:
Electronic and hydraulic control system for rear wheels in reverse gear



DUMPER THREE AXLES PLUS VERSION

MODEL	BODY SIZE cm.	VOLUME m ³	TARE Tons	GROSS WEIGHT Tons	Nr TIPPING CYLINDER	BRAKE SIZE	TYRES	PLATFORM H. cm.	BRAKING SYSTEM
ZAM 200 DP 8 Plus	800x255x170	31	7.9	27.0	2	406x120 industrial 10 col.	560/60R22,5 Flotation Radial new	143	Pneumatic
ZAM 200 DI 8 Plus	800x255x170	31	7.9	27.0					Hydraulic
ZAM 200 DP 8 SUPER Plus	800x255x195	36	8.2	27.0	2	On demand: 420x180 industrial 10 col.	On demand: 600/55 R26,5 Flotation Radial new	147	Pneumatic
ZAM 200 DI 8 SUPER Plus	800x255x195	36	8.2	27.0					Hydraulic

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.



Independent hydraulic suspensions with independent hub

dumper

8



TWO AXLES PROFESSIONAL VERSION

Domex special body (6 mm. thick) ideal for quarries and aggregates. Enhanced strength structure, axles, tipping and hydraulic rams. Rear tipping operated by gear pump and PTO shaft. Platform lowering controlled from the driver's seat. Stainless steel rear light bar. Double lights and sides marker lights. PVC Tool box. Hydraulic parking stand. Domed cap nuts.

Optionals:

Steering regulator. Special draw bar eye for export. Gear pump by hydraulic motor. PVC manual cover. Independent Hydraulic Suspensions. Hydraulic suspensions with larger brake 420x180. Electro-hydraulic push button panel for all hydraulic functions. LED lights. Kit Monitor/Camera kit for reversing.

Hydraulic / electronic command for reversing rear wheels.

ZAM 140 D2P PROFESSIONAL

Equipped with:
hydraulic traction
on double traction
version.

**On Demand:
special load equipment
civil certification**

MODEL	BODY SIZE cm.	VOLUME m3	TARE Tons	GROSS WEIGHT Tons	BRAKE SIZE	Nr TIPPING CYLINDER	TYRES	PLATFORM H. cm.	BRAKING SYSTEM
ZAM 140 D2P Professional	550x255x140	16,5	4.7	18.0	406x120 industrial 10 col.	2	560/60R22,5 Flotation Radial new	138	Pneumatic
ZAM 140 D2I Professional									Hydraulic
ZAM 140 D3P Professional	600x255x140	18	5.0	18.0	On demand: 420x180 industrial 10 col.	2		138	Pneumatic
ZAM 140 D3I Professional									Hydraulic

ON DEMAND: HYDRAULIC TRACTION ON DOUBLE TRACTION VERSION

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.



THREE AXLES PROFESSIONAL VERSION

Domex special body (6 mm. thick) ideal for quarries and aggregates.
Enhanced strength structure, axles, tipping and hydraulic rams.
Double tipping cylinder.
Stainless steel rear light bar.
Independent Hydraulic Suspensions and hydraulic lifting of the front axle.
Domed cap nuts.
PVC tool box.

Optionals:

Gear pump driven by hydraulic motor.
Increased brakes 420x180.
PVC manually operated cover.
Electro-hydraulic push button panel for all hydraulic functions.
LED lights. Special draw bar eye for export.
Kit Monitor/Camera kit for reversing.

Hydraulic/electronic control for reversing rear wheels.

Optional:
**AMORTIZED
DRAWBAR**



Standard equipment:
Independent hydraulic suspensions and hydraulic lifting of the front axle



Double lights and sides marker lights.



MODEL	BODY SIZE cm.	VOLUME m3	TARE Tons	GROSS WEIGHT Tons	Nr TIPPING CYLINDER	BRAKE SIZE	TYRES	PLATFORM H. cm.	BRAKING SYSTEM
ZAM 200 DP 6 Professional	600x255x140	17,5	6.0	27.0	2	406x120 industrial 10 col.	560/60R22.5 Flotation Radial new	143	Pneumatic
ZAM 200 DI 6 Professional									Hydraulic
ZAM 200 DP 7 Professional	700x255x140	20,5	7.2	27.0	2	On demand: 420x180 industrial 10 col.	On demand: 600/55 R26,5 Flotation Radial new	150	Pneumatic
ZAM 200 DI 7 Professional									Hydraulic

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.

doublepush

10



ZAM 300 DOUBLE PUSH

PROFESSIONAL VERSION WITH HYDRAULIC
LATERAL SIDE OPENING

Standard equipment:

PUSH-OFF SYSTEM WITH CONVEYOR BELT.

Flowered steel AISI 304 body.

Right side extension with hydraulic opening.

Electro-hydraulic push button panel for some hydraulic functions of Doublepush and speed control of unloading. Steering regulator. Hydraulic suspensions with hydraulic lifting of front axle.

Automatic brake regulator. Hydraulic parking stand. Self-steering front and rear axles.

GranVolume Hydraulic rear door. Independent hydraulic system with gear pump and PTO shaft.

Elegance version: wheel cup nuts, led light steel bar, PVC tool box.

Double lights and sides marker lights.

Optionals:

Electro-hydraulic push button panel for all hydraulic functions.

Predisposition for manure spreading equipment.

Manure spreading module with two big size rollers interchangeable with hydraulic opening door.

Pneumatic operated lateral PVC cover.

Electronic and hydraulic control
for reversing rear wheels.

The maximum load capacity of trailers can be adapted in conformity with the regulations in force in your country.



Right lateral extension side with Hydraulic opening.



Manure spreading module on two big rollers interchangeable with door with hydraulic opening

ZAM 300 DOUBLEPUSH

Gross weight	Tons	27	Brake System	-	Hydraulic or Pneumatic
New Standard Tyres	-	560/60R22,5 Flotation radial	New Tyres on demand	-	600/55R26,5 Flotation radial
Brake Size standard	-	406x120	Brake Size on demand	-	420x180
EQUIPPED WITH HYDRAULIC OPENING DOOR			EQUIPPED WITH MANURE SPREADER MODULE		
Internal dimension body	cm	770x230x220	Internal dimension body height manure spreader rollers	cm	660x230x185
Volume	m ³	40	Volume	m ³	27
Total height from ground	cm	350	Total height from ground	cm	350
Loading height with extension right side open	cm	300	Loading height with extension right side open	cm	300
Tare	Tons	8.4	Tare	Tons	9.3



Pneumatic operated lateral PVC cover

ZAM 300 DOUBLEPUSH - PROFESSIONAL

Gross weight	Tons	27	Brake System	-	Hydraulic or Pneumatic
New Standard Tyres	-	560/60R22,5 Flotation radial	New Tyres on demand	-	600/55R26,5 Flotation radial
Brake Size standard	-	406x120	Brake Size on demand	-	420x180
EQUIPPED WITH HYDRAULIC OPENING DOOR			EQUIPPED WITH MANURE SPREADER MODULE		
Internal dimension body	cm	770x230x255	Internal dimension body height manure spreader rollers	cm	660x230x210
Volume	m ³	47	Volume	m ³	32
Total height from ground	cm	390	Total height from ground	cm	390
Loading height with extension right side open	cm	320	Loading height with extension right side open	cm	320
Tare	Tons	8.9	Tare	Tons	9.8

equipments

12

scroll for unloading grain mounted on rear door of dumper



The system consists of a horizontal scroll and a vertical scroll hydraulically operated by self gear pump with cardan shaft and distributor with electric activation through pushbutton located in the cab. Closing window with hydraulic activation operated by tractor distributor. Easy disassembly of scroll system.

Unload capacity: 250-300kg/min.
Diameter scroll: 300 mm.
Unload height from ground: 5 m aprox.
Scroll opening lateral left side: 1,6 m aprox.

dumper on bearing disc trailer



scroll equipped with a winch system to modify the inclination and then the unload height. The scroll is available in diameters 150 and 200 mm.



Unload capacity: from 300 to 500 Kg/min.
Diameter cochlea: 150 and 200 mm.
Unload height from ground: 4,7 m.

extension side with hydraulic opening



on request:
metalized
color



All models from our production can be equipped with :

Hydraulic Traction

The system consists of piston pump with inclined axle connected to a hydraulic motor with a disengagement, all mounted on the trailer and acted by cardan shaft. The traction is used allowing the vehicle a speed of 1-5 Km/h with the possibility of ENGAGEMENT-DISENGAGEMENT in motion.

A remote control, placed inside the driver's cab, enables the whole operation.

The hydraulic traction consists in a forward thrust only and allows the driver to change the direction (forward and reverse).

TECHNICAL FEATURES:

Speed 1-5 km/h

Engagement-disengagement whilst on the move.

Equipment available for all tractors

(even those without a synchronized PTO)

It can be installed on single or multi-driving axles.

**On Demand:
ENGINE BREAK DEVICE
FOR DOWNHILL ROAD**

AWARD TECHNICAL INNOVATIONS *ema* 2006

All trailers are designed with 3D calculation and drawing system, for all "Big Trailer" equipments. A dedicated office tests Operating Machines and Oversize load vehicles, according to Italian and European standards.

STANDARD TIRES 560/60 R22.5

MITAS AR-02 BKT-FL630 PLUS



H - 1240 mm

H - 1240 mm

TIRES ON DEMAND - STEEL STRUCTURE 560/60 R22.5

BKT-FL693M MICHELIN CARGO X-BIB



H - 1240 mm

H - 1240 mm

TIRES ON DEMAND - STEEL STRUCTURE 600/55 R26.5

BKT-FL693M MICHELIN CARGO X-BIB



H - 1340 mm

H - 1340 mm

Maximum size
trailer outside tire
cm 255

TIRES ON DEMAND - STEEL STRUCTURE 650/55 R26.5

BKT-FL693M BKT-FL630 PLUS



H - 1390 mm

H - 1390 mm

TIRES ON DEMAND - STEEL STRUCTURE 710/50 R26.5

MICHELIN CARGO X-BIB BKT-FL693M



H - 1390 mm

H - 1390 mm

Maximum size trailer
outside tire cm 280
Must have a permit of
Exceptional Vehicle

ZACCARIA

QUALITY TRAILERS



zaccariamorchi.com



ZACCARIA SRL
Via Enrico Fermi, 350
I - 41055 Montese (Modena) - Italy
Tel. +39 (0)59 981750
Fax: +39 (0)59 982353
www.zaccariamorchi.com
info@zaccariamorchi.com

 www.facebook.com/zaccariamorchi

 www.linkedin.com/company/zaccaria-srl

 www.youtube.com/channel/UCe9-IOXLYuqygcinU1n51jA

Subsidiaries and Warehouses

I - 41015 Nonantola (Modena)
Via Zuccola, 12 - Italy

I - 41057 Spilamberto (Modena)
Piazza Beccadori, 4 - Italy

