

HEAVY HAULAGE EQUIPMENT

Transport Solutions Lowbed Product Range.

Five engineered lowbed platforms from 60 to 84 tonnes. Hydraulic goosenecks, telescopic extensions and up to 45° steering — built on SSAB high-strength steel.

CST-MX 3 • CST-MXHP 3 • CST-MXH 3 • CST-MXW E4 • CST-MXE 5



01 THE COMPANY

An engineering brand.

CASTROMAX Trailers designs and manufactures heavy-haulage lowbed semi-trailers at its production facility in Konya, Türkiye. Every platform in this catalogue is engineered around the same principles: SSAB high-strength steel chassis, in-house designed hydraulic systems, optimised weight distribution and a demountable, service-friendly architecture that keeps a trailer working for its full economic life.

ENTRY SERIES

CASTROFLEX

Cost-focused platforms for standard transport duties.

PROFESSIONAL SERIES

CASTROMAX

The working core of the range — daily heavy haulage, 60 to 84 tonnes.

FLAGSHIP SERIES

CASTROMAX Signature

Full hydraulic steering, width extension and maximum control.

05

LOWBED MODELS

60–84

TONNE CAPACITY

45°

MAX. STEERING ANGLE

5 m

TELESCOPIC EXTENSION

QUALITY & COMPLIANCE

- **ISO 9001**
Quality management
- **ISO 14001**
Environmental management
- **ISO 45001**
Occupational health & safety
- **EN 12642 XL**
Body strength certification

NOTE

All dimensions can be revised on customer request — prices may vary accordingly. Please state your required dimensions at the order confirmation stage.

C O N T E N T S

Inside this catalogue.

Each model section follows the same structure: overview, engineering drawing with dimension table, standard equipment and a field gallery.

01	The Company	02
	An engineering brand · series structure · compliance	
02	Model Comparison	04
	Technical overview of the full lowbed range	
	CST-MX 3 LOWBED	05
	3 Axles · 60 Ton · Hydraulic Lowbed	
	Overview 06 · Drawings & Dimensions 07 · Standard Equipment 08 · Gallery 09	
	CST-MXHP 3 LOWBED	10
	3 Axles · 60 Ton · Hydraulic Platform Lowbed	
	Overview 11 · Drawings & Dimensions 12 · Hydraulic Advantage 13 · Gallery 14	
	CST-MXH 3 LOWBED	15
	3 Axles · 60 Ton · Hydraulic Steerable Well-Deck Lowbed	
	Overview 16 · Drawings & Dimensions 17 · Standard Equipment 18 · Gallery 19	
	CST-MXW E4 LOWBED	20
	4 Axles · 72 Ton · Hydraulic Width-Extendable Lowbed	
	Overview 21 · Drawings & Dimensions 22 · Standard Equipment 23 · Gallery 24	
	CST-MXE 5 LOWBED	25
	5 Axles · 84 Ton · Extendable Hydraulic Lowbed	
	Overview 26 · Drawings & Dimensions 27 · Standard Equipment 28 · Gallery 29	
03	Technical Drawings	30
	CST-MX 2 · 4 · 5 CST-MXE 2 · 3 · 4 · 5 CST-MXE H4 · H5 TIEFBETT — 31-39	
	CST-MX-VM VEHICLE MOUNTED LOW-BED	40
	Truck-mounted low-bed body · 14° ramp · 400 mm ramp widening	
	General Arrangement 41 · Platform & Ramp 42 · Ramp Mechanism 43 · Subframe 44 · Equipment 45 · Finish 46 · Gallery 47	
	CST-MX-SC VEHICLE MOUNTED SLIDING CHASSIS	48
	Tilt-and-slide recovery body · hydraulic, PTO-driven · punched non-slip deck	
	Design & Operating Principle 49 · Construction & Sub-Frame 50 · Gallery 51	
	CST-MX TURNTABLE DRAWBAR TRAILER	52
	Full trailer · turntable-steered front bogie · 2+2 to 3+3 axles	
	General Arrangement & Dimensions 53 · Configuration & Equipment 54	
	CASTROMAX SELF-PROPELLED	55
	Modular transporter · pendulum axle lines · power pack unit	
	Modules & Combinations 56 · Axle & Drive Technology 57 · Technical Data 58	
08	Contact	59
	Addresses, certification and enquiries	

02 MODEL COMPARISON

The full range, side by side.

All dimensions in millimetres unless stated otherwise.

	CST-MX 3 3 axles · 60 t	CST-MXHP 3 3 axles · 60 t	CST-MXH 3 3 axles · 60 t	CST-MXW E4 4 axles · 72 t	CST-MXE 5 5 axles · 84 t
Load capacity	60,000 kg	60,000 kg	60,000 kg	72,000 kg	84,000 kg
Axle count & capacity	3 × 12,000 kg	3 × 12,000 kg	3 × 12,000 kg	4 × 12,000 kg	5 × 12,000 kg
Overall length L	13,600	13,600	17,650	13,600	14,600
Total extended length L EX	—	—	22,650	17,600	19,600
Platform length PL	9,000	9,000 13,400 max.	7,830	8,880	9,600
Extended platform PL EX	—	—	12,830	12,880	14,600
Gooseneck length GL	4,400	4,400	4,375	4,400	4,375
Axle spacing AR	1,500	1,360	1,500	1,500	1,500
Platform height PH	900	900	320 travel	900	900
Platform width W	2,550	2,550 + 500	3,000	2,550 / 3,150	3,000
Width extension	0.5 m mech.	0.5 m mech.	0.5 m mech.	0.6 m hydr.	0.5 m mech.
Telescopic extension	—	—	5 m staged	4 m staged	5 m staged
Steering	1 axle self-steer 16° (optional)	1 self-steer + 1 hydr. lift axle	3 axles hydraulic max. 45°	4 axles hydraulic max. 45°	2 axles self-steer 16°
King pin / gooseneck	2" / 3.5" Mechanical	2" / 3.5" Hydr. platform 14°	2" / 3.5" Detachable hydr.	2" / 3.5" Hydraulic	2" / 3.5" Hydraulic
Brake system	2S2M or 4S3M EBS + ABS	4S3M EBS + ABS + RSS	2S2M EBS + ABS	2S2M EBS + ABS	4S3M EBS + ABS
Suspension	Air	Air	Air	Air	Air
Tyre & rim 245/70 R17.5	12 + 1	12 + 1	12 + 1	16 + 1	20 + 1
Chassis material	S700MC PLUS S355J2+N	S700MC PLUS S690QL · S355J2+N	S700MC PLUS S690QL · S355J2+N	S700MC PLUS S690QL · S355J2+N	S700MC PLUS S690QL · S355J2+N

NOTE

Figures are taken from the individual model catalogues that follow. Dimensions can be revised on customer request — prices may vary accordingly.

CST-MX 3 SERIES



▶
Watch the
product video

Transport Solutions

Proven Performance.



modular lowbed / **lowbed** / hydraulic steerable lowbed / extendable lowbed / well-deck lowbed
hydraulic width-extendable lowbed / hydraulic platform lowbed

PRODUCT SERIES

ENTRY SERIES

CASTROFLEX

SELECTED SERIES

PROFESSIONAL SERIES

CASTROMAX

FLAGSHIP SERIES

CASTROMAX

Signature

01 OVERVIEW

Compact body, heavy duty.



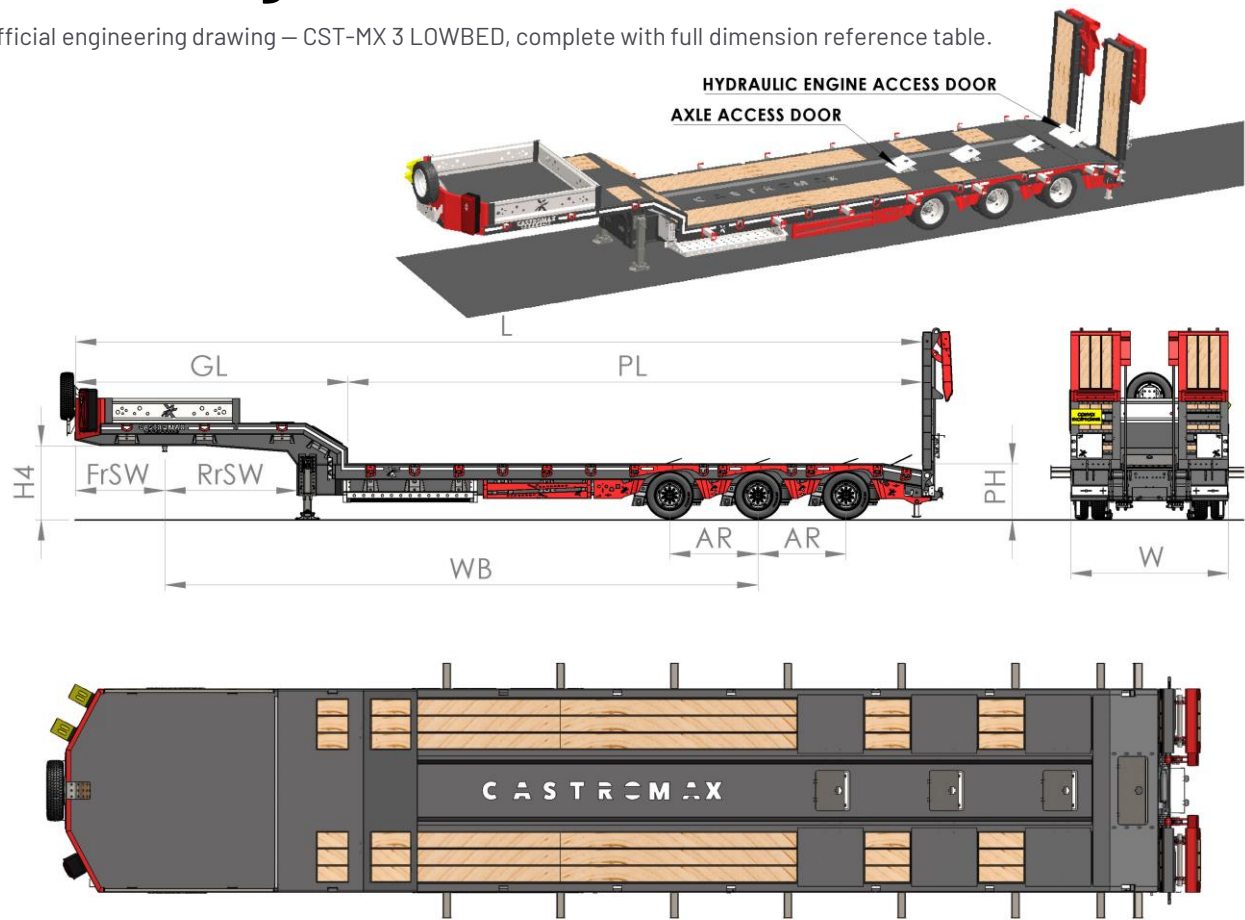
▶
Watch the
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The CST-MX 3 LOWBED is a professional-series hydraulic lowbed platform designed for transporting heavy construction machinery, oversized industrial loads and construction equipment. With its mechanically extendable loading platform and compact 3-axle chassis architecture, it adapts to almost every load profile in the 60-tonne class.



02 Drawings & Dimensions

Official engineering drawing – CST-MX 3 LOWBED, complete with full dimension reference table.



CODE	DESCRIPTION	VALUE (mm)
L	Overall Length	13 600
PL	Platform Length	9 000
GL	Gooseneck Length	4 400
AR	Axle Spacing	1 500
WB	Wheel Base	9 200

CODE	DESCRIPTION	VALUE (mm)
PH	Platform Height	900
H4	Gooseneck Total Height	1 200 / 1 450
FRSW	Front Swing Width	1 450
RRSW	Rear Swing Width	2 130
W	Loading Platform Width	2 550

LOAD CAPACITY

60,000 kg

AXLE COUNT & CAPACITY

3 × 12,000 kg

MECHANICAL EXTENSION

250 mm x 2

WIDTH

2,550 mm · 0.5 m mech. extension

KING PIN / GOOSENECK

2" / 3.5" · Mechanical

STEERING

1 Axle Self-Steering · Max. 16° (optional)

CHASSIS MATERIAL

SSAB S700MC PLUS · S355J2+N

BRAKE SYSTEM

2S2M or 4S3M EBS (WABCO) + ABS (self-steering)

ELECTRICAL SYSTEM

24V · 2×7 Pin SAE · SABA LED

SUSPENSION

Air Suspension

PAINT / COATING

Sandblasting + Epoxy Primer + 2K Acrylic

TYRE & RIM

245/70 R17.5 · 12+1 · Jantza/Petlas

NOTE

Dimensions can be revised on customer request – prices may vary accordingly. Please state your required dimensions at the order confirmation stage.

03 Superior Durability

Every lowbed we build is engineered with high-strength steels, advanced hydraulic systems and an optimised weight distribution to deliver maximum safety, stability and efficiency. All of the equipment listed below is supplied as standard.

STANDARD EQUIPMENT

- 1 Lift Axle (front axle)
- 200 mm x 2 hydraulic ramp extend & retract
- 0.5 m Mechanical Extension
- Mechanical Gooseneck · 2 King Pin (2"/3.5")
- Hydraulic Bi-Fold Ramp (10°)
- 2S2M EBS (WABCO) + ABS Brake System
- 24V SABA LED Lighting System
- Air Suspension · 3 × 12 Ton Axles
- TPMS Tyre Pressure Monitoring System
- Remote Control via Mobile App
- Demountable design and European chassis system
- Sandblasting + Epoxy Primer + 2K Acrylic Paint



Field-Proven Strength

In real load conditions; from machinery to asphalt equipment.



Up to 500 mm Extra Width

250 mm extension on each side along the loading platform.



Hydraulic Bi-Fold Ramp

Easy, safe loading with a 10° approach angle.



Demountable Design

Easy revision, long-term spare part supply and colour harmony.

60 TONS

Unshakeable stability.



CST-MX 3 LOWBED · CASTROMAX Trailers

CST-MXHP 3 SERIES



Watch the
product video

Loading Length Without Limits.



modular lowbed / lowbed / hydraulic steerable lowbed / extendable lowbed / well-deck lowbed
hydraulic width-extendable lowbed / **hydraulic platform lowbed**

PRODUCT SERIES

ENTRY SERIES

CASTROFLEX

SELECTED SERIES

PROFESSIONAL SERIES

CASTROMAX

FLAGSHIP SERIES

CASTROMAX*Signature*

01 OVERVIEW



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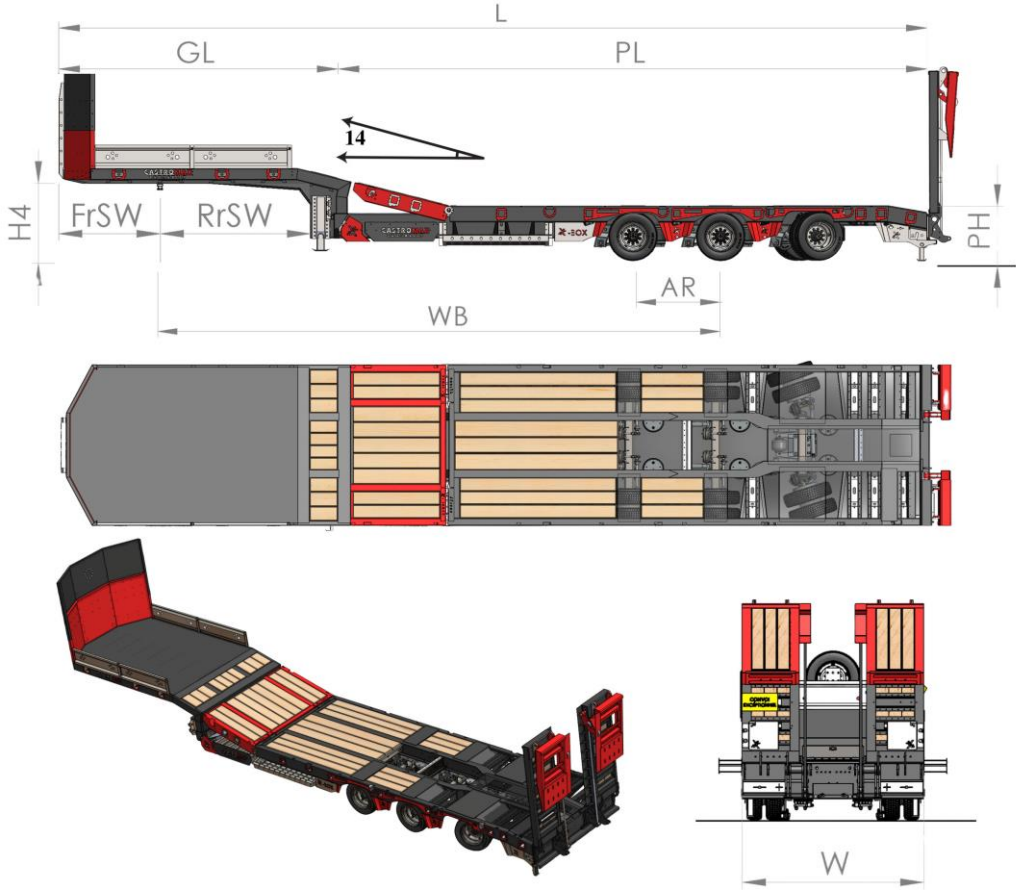
Gooseneck included, 13.4 metres.

The CST-MXHP 3 LOWBED is a professional-series hydraulic lowbed platform designed for transporting heavy construction machinery, oversized industrial loads, marine craft and construction equipment. Thanks to the 14° hydraulic platform that allows loading over the gooseneck, the effective loading length extends from 9,000 mm to 13,400 mm – two machines such as a paver and a roller can be carried at the same time.



02 Drawings & Dimensions

Official engineering drawing – CST-MXHP 3 LOWBED, complete with full dimension reference table.



CODE	DESCRIPTION	VALUE (mm)
L	Overall Length	13 600
PL	Platform Length	9 000 / 13 400
GL	Gooseneck Length	4 400
AR	Axle Spacing	1 360
WB	Wheel Base	8 500

CODE	DESCRIPTION	VALUE (mm)
PH	Platform Height	900
H4	Gooseneck Total Height	1 200 / 1 450
FRSW	Front Swing Width	1 450
RRSW	Rear Swing Width	2 130
W	Overall Width	2 550 + 500

LOAD CAPACITY

60,000 kg

AXLE COUNT & CAPACITY

3 × 12,000 kg · 1 self-steering + 1 lift

WIDTH EXTENSION & RAMP

250 mm x 2 · Ramp 200 mm hydraulic

WIDTH

2,550 + 500 mm · Total 3,050 mm

KING PIN / GOOSENECK

2" / 3.5" · Hydraulic Platform (14°)

STEERING

1 Self-Steering + 1 Hydraulic Lift Axle

CHASSIS MATERIAL

SSAB S700MC PLUS · S690QL · S355J2+N

BRAKE SYSTEM

4S3M EBS (WABCO) + ABS + RSS roll stability

ELECTRICAL SYSTEM

24V · 2×7 Pin SAE · SABA LED

SUSPENSION

Air Suspension

PAINT / COATING

Sandblasting + Epoxy Primer + 2K Acrylic

TYRE & RIM

245/70 R17.5 · 12+1 · Jantza/Petlas · TPMS

NOTE

Thanks to the hydraulic platform that allows loading over the gooseneck, the effective loading length increases from 9,000 mm to 13,400 mm. Dimensions can be revised on customer request – prices may vary accordingly.

03 Hydraulic Advantage

The CST-MXHP 3 LOWBED is engineered with in-house designed hydraulic systems, high-strength steels and an optimised weight distribution. From the gooseneck platform to the axle technology, all of the equipment listed below is supplied as standard.

STANDARD EQUIPMENT

- 1 Self-Steering + 1 Hydraulic Lift Axle
- Hydraulic Gooseneck Loading Platform (14°)
- 0.5 m Mechanical Extension · Total 3,050 mm
- 2 King Pin Plates (2"/3.5")
- Hydraulic Bi-Fold Ramp (10°) · 200 mm side shift
- 4S3M EBS (WABCO) + ABS + RSS Brake System
- 24V SABA LED Lighting System
- Air Suspension · 3 × 12 Ton Axles
- TPMS Tyre Pressure Monitoring System
- 24V 2.2 kW Hydraulic Power Unit · Remote Control
- 8 × 2 Ro-Ro Lashing Rings · 24 Ton Landing Legs
- Sandblasting + Epoxy Primer + 2K Acrylic Paint



Loading Over the Gooseneck

14° hydraulic platform; effective loading length 13,400 mm.



Hydraulic Bi-Fold Ramp & Side Adjustment

Hydraulic folding plus 200 mm lateral extension/retraction.



Self-Steering + Lift Axle

Small turning radius; longer tyre life and fuel savings when empty.

13,400 MM
Continuous loading area.



CST-MXHP 3 LOWBED · CASTROMAX Trailers

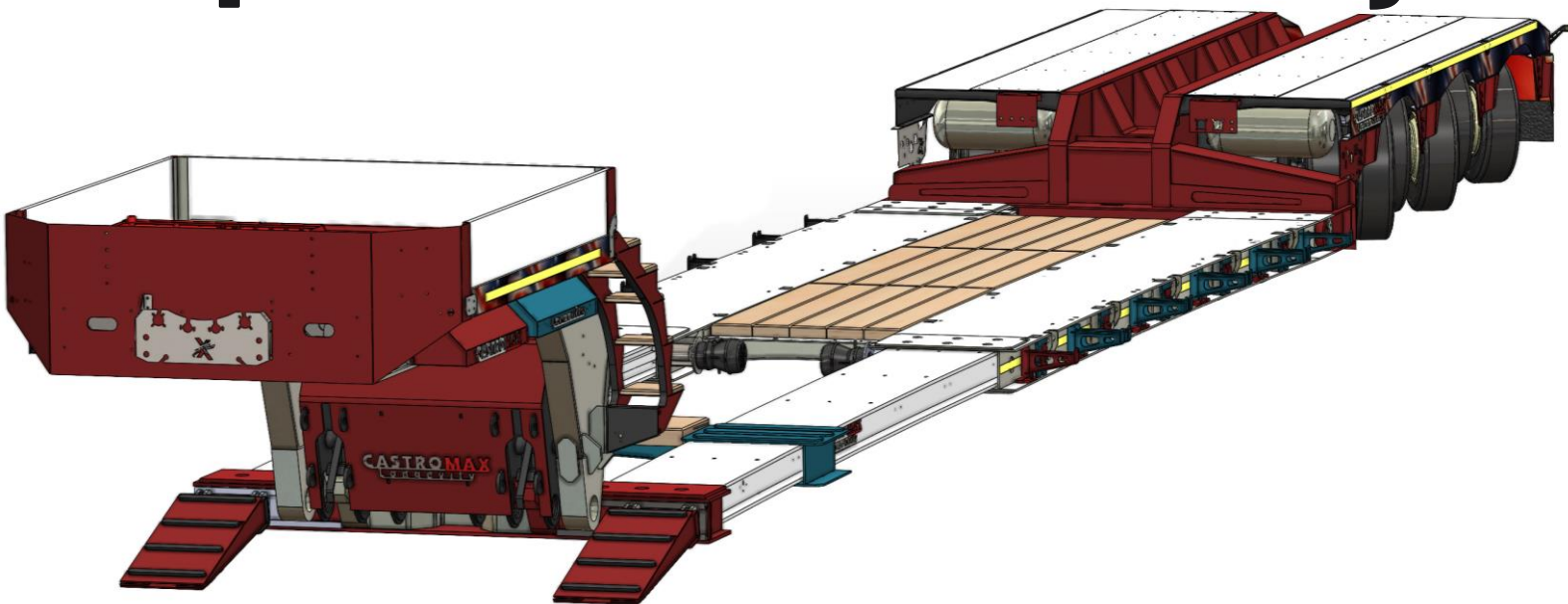
CST-MXH 3 SERIES



▶
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In Heavy Haulage

Superior Manoeuvrability.



modular lowbed / lowbed / **hydraulic steerable lowbed** / extendable lowbed / well-deck lowbed
hydraulic width-extendable lowbed / hydraulic platform lowbed

PRODUCT SERIES

ENTRY SERIES

CASTROFLEX

SELECTED SERIES

PROFESSIONAL SERIES

CASTROMAX

FLAGSHIP SERIES

CASTROMAX

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01 OVERVIEW

 Watch the product video

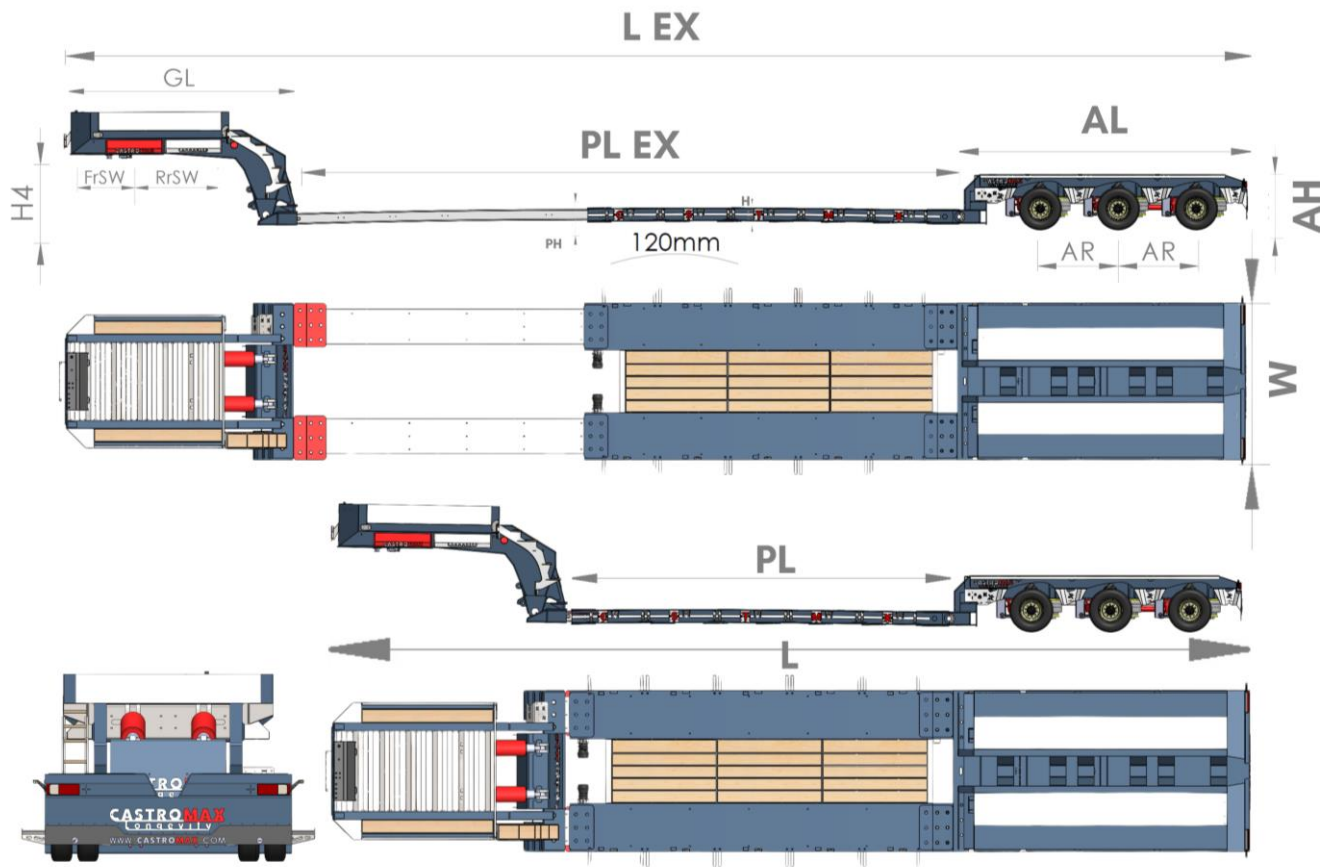
Well-deck platform, full hydraulic control.

The CST-MXH 3 LOWBED is a flagship-series hydraulic steerable well-deck lowbed platform designed for transporting heavy construction machinery, oversized industrial loads and construction equipment. With hydraulic steering on all three axles, a detachable hydraulic gooseneck and telescopic extension of up to 5 metres, it adapts to almost every load profile in the 60-tonne class.



02 Drawings & Dimensions

Official engineering drawing – CST-MXH 3 LOWBED, complete with full dimension reference table.



CODE	DESCRIPTION	VALUE (mm)
L	Overall Length	17 650
L EX	Total Extended Length	22 650
PL	Platform Length	7 830
PL EX	Extended Platform Length	12 830
GL	Gooseneck Length	4 375

CODE	DESCRIPTION	VALUE (mm)
PH	Platform Height (Travel)	320
H	Well Depth	220
H4	King Pin Plate Height	1450
AR	Axle Spacing	1500
W	Overall Width	3 000

LOAD CAPACITY

60,000 kg

AXLE COUNT & CAPACITY

3 × 12,000 kg

MECHANICAL EXTENSION

250 mm x 2

TELESCOPIC EXTENSION

5,000 mm · staged control

KING PIN / GOOSENECK

2" / 3.5" · Detachable Hydraulic

STEERING

3 Axles Hydraulic Steering · Max. 45°

CHASSIS MATERIAL

SSAB S700MC PLUS · S690QL · S355J2+N

BRAKE SYSTEM

2S2M EBS (WABCO) + ABS

ELECTRICAL SYSTEM

24V · 2×7 Pin SAE · SABA LED

SUSPENSION

Air Suspension

PAINT / COATING

Sandblasting + Epoxy Primer + 2K Acrylic

TYRE & RIM

245/70 R17.5 · 12+1 · Jantza/Pirelli

NOTE

Dimensions can be revised on customer request – prices may vary accordingly. Please state your required dimensions at the order confirmation stage.

03 Superior Durability

Every lowbed we build is engineered with high-strength steels, advanced hydraulic systems and an optimised weight distribution to deliver maximum safety, stability and efficiency. All of the equipment listed below is supplied as standard.

STANDARD EQUIPMENT

- 3 Axles Hydraulic Steering · Max. 45°
- 5 m Telescopic Extension · Staged Control
- 0.5 m Mechanical Extension
- Detachable Gooseneck · King Pin (2"/3.5")
- Front Loading · Spring-Assisted Ramp
- 2S2M EBS (WABCO) + ABS Brake System
- 24V SABA LED Lighting System
- Air Suspension · 3 × 12 Ton Axles
- TPMS Tyre Pressure Monitoring System
- Remote Control and LCD Panel Control
- Shimmed well mount · Demountable design
- Sandblasting + Epoxy Primer + 2K Acrylic Paint



Field-Proven Strength

Real field conditions; heavy loads from port to site.



45° Hydraulic Steering

Ackermann principle; all three axles steer hydraulically.



Detachable Gooseneck

The gooseneck detaches with the tractor for front loading.



Remote Control & LCD

Steering: synchronised with the tractor or independent.

Full control in tight spaces.



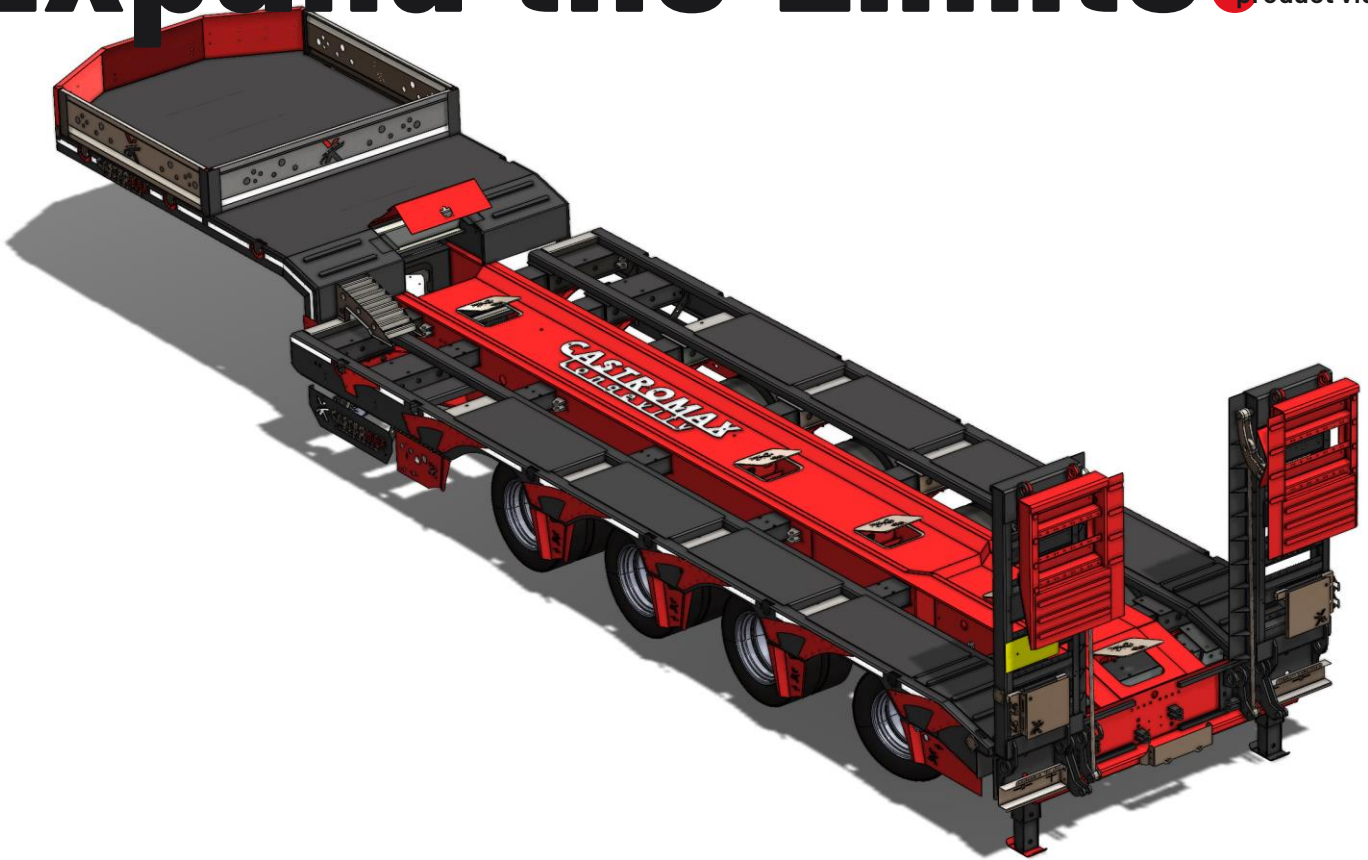
CST-MXH 3 LOWBED - CASTROMAX Trailers

CST-MXW E4 SERIES



For Demanding Loads

Expand the Limits

 Watch the product video


modular lowbed / lowbed / **hydraulic width-extendable lowbed** / extendable lowbed / well-deck
 lowbed / hydraulic steerable lowbed / hydraulic platform lowbed

PRODUCT SERIES

ENTRY SERIES

CASTROFLEX

PROFESSIONAL SERIES

CASTROMAX

SELECTED SERIES

FLAGSHIP SERIES

Signature

01 OVERVIEW

▶
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Under heavy load, full control.

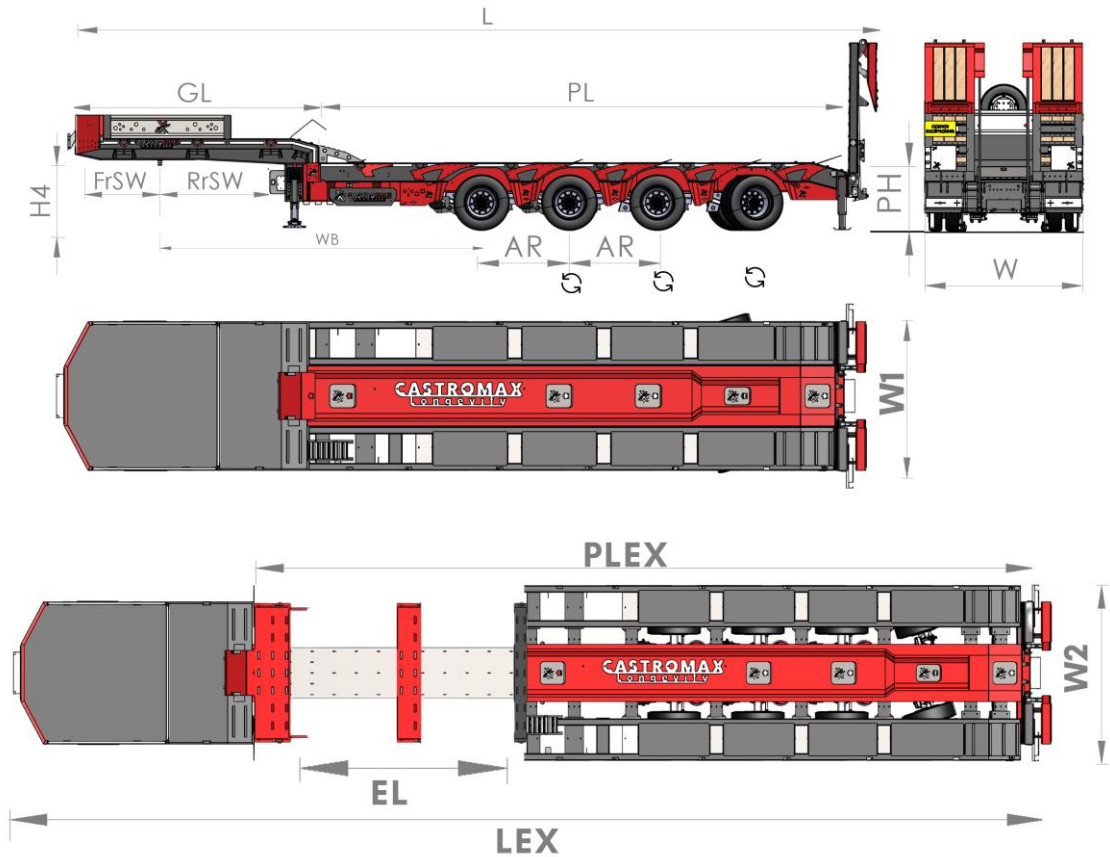
The CST-MXW E4 LOWBED is a flagship-series hydraulic lowbed platform designed for transporting heavy construction machinery, oversized industrial loads, marine craft and construction equipment. With its hydraulically extendable loading platform, full hydraulic steering on four axles and telescopic extension of up to 4 metres, it adapts to almost every load profile in the 72-tonne class.



CST-MXW E4 LOWBED · On Site

02 Drawings & Dimensions

Official engineering drawing – CST-MXW E4 LOWBED, complete with full dimension reference table.



CODE	DESCRIPTION	VALUE (mm)
WB	Wheel Base	5 380
L	Overall Length	13 600
LEX	Total Extended Length	17 600
PL	Platform Length	8 880
PLEX	Extended Platform Length	12 880
GL	Gooseneck Length	4 400

CODE	DESCRIPTION	VALUE (mm)
AR	Axle Spacing	1 500
PH	Platform Height	900
H4	Gooseneck Total Height	1 200
W	Platform Width (Closed)	2 550
W2	Platform Width (Open)	3 150

LOAD CAPACITY

72,000 kg

AXLE COUNT & CAPACITY

4 × 12,000 kg

TELESCOPIC EXTENSION

4 m in stages

WIDTH

2,550 mm · 0.6 m hyd. extension

KING PIN / GOOSENECK

2" / 3.5" · Hydraulic

STEERING

4 Axles Hydraulic · Max. 45°

CHASSIS MATERIAL

SSAB S700MC PLUS · S690QL · S355J2+N

BRAKE SYSTEM

2S2M EBS (WABCO) + ABS

ELECTRICAL SYSTEM

24V · 2×7 Pin SAE · SABA LED

SUSPENSION

Air Suspension

PAINT / COATING

Sandblasting + Epoxy Primer + 2K Acrylic

TYRE & RIM

245/70 R17.5 · 16+1 · Jantsa/Pirelli

NOTE

Dimensions can be revised on customer request – prices may vary accordingly. Please state your required dimensions at the order confirmation stage.

03 Superior Durability

Every lowbed we build is engineered with high-strength steels, advanced hydraulic systems and an optimised weight distribution to deliver maximum safety, stability and efficiency. All of the equipment listed below is supplied as standard.

STANDARD EQUIPMENT

- 4-Axle Hydraulic Steering (45°)
- 4 m Telescopic Platform Extension
- 0.6 m Hydraulic Width Extension
- Hydraulic Gooseneck · King Pin (2"/3.5")
- Hydraulic Bi-Fold Ramp (Wood+Steel)
- 2S2M EBS (WABCO) + ABS Brake System
- 24V SABA LED Lighting System
- Air Suspension · 4 × 12 Ton Axles
- TPMS Tyre Pressure Monitoring System
- Remote Control via Mobile App
- BUCHER Hydraulic Power Unit (4.5 kW)
- Sandblasting + Epoxy Primer + 2K Acrylic Paint



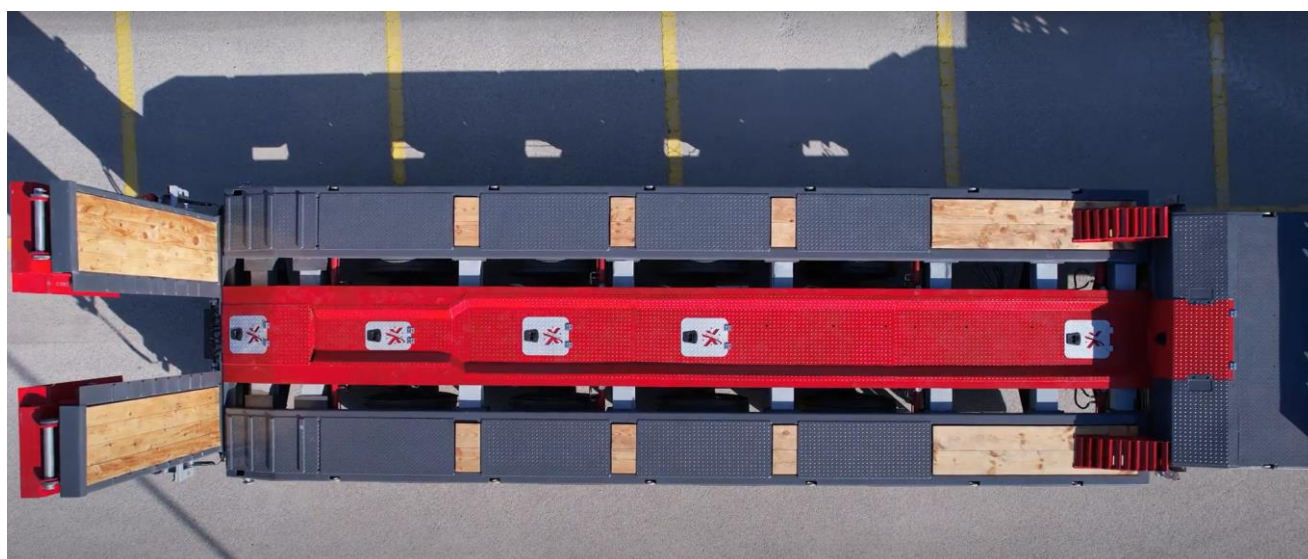
Hydraulic Support System

Safe parking with self-levelling hydraulic support legs.



Controlled Steering

Max. 45° steering angle, based on the Ackermann principle.



Smart Control Unit

Precise control with PLC panel, Kübler encoder and LCD.

45° Steering Angle Control

Synchronised with the tractor or independent; remote + LCD.

Every centimetre
under control.



Watch the
product video



CST-MXW E4 LOWBED · CASTROMAX Trailers

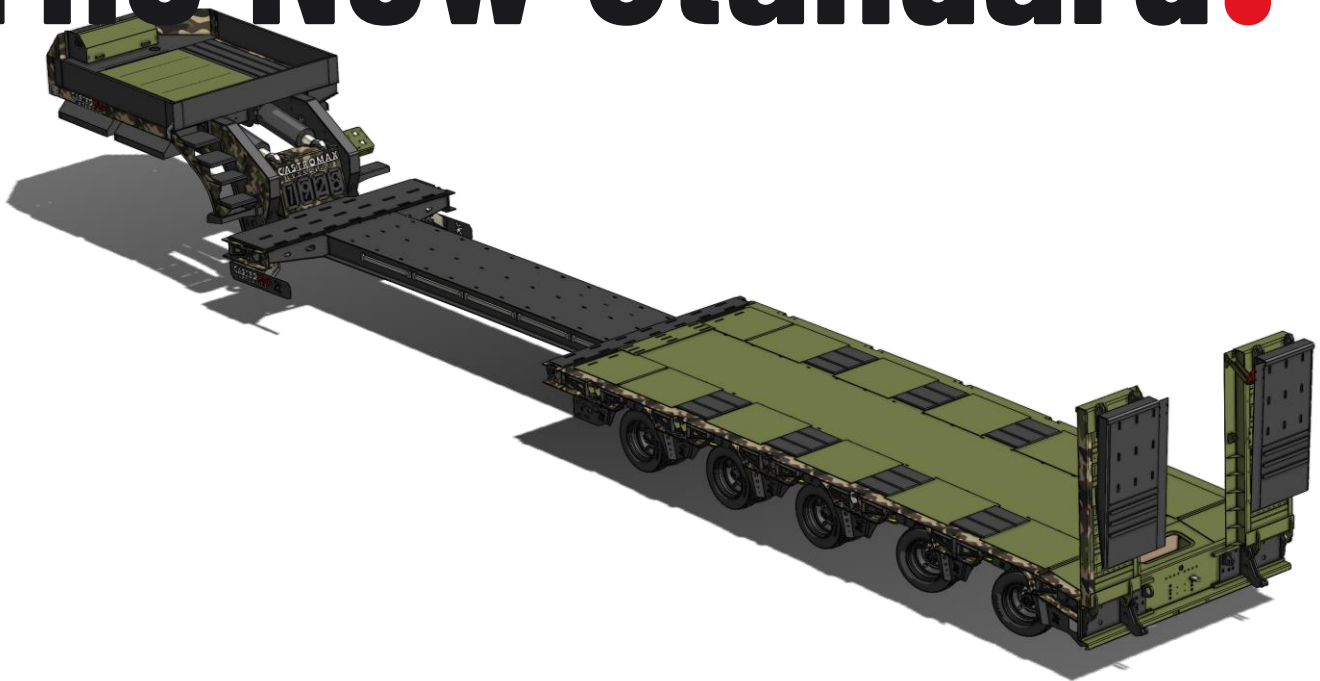
CST-MXE 5 SERIES



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For Heavy Loads

The New Standard.



modular lowbed / lowbed / hydraulic steerable lowbed / **extendable lowbed** / well-deck lowbed
hydraulic width-extendable lowbed / hydraulic platform lowbed

PRODUCT SERIES

ENTRY SERIES

CASTROFLEX

SELECTED SERIES

PROFESSIONAL SERIES

CASTROMAX

FLAGSHIP SERIES

CASTROMAX

Signature

01 OVERVIEW

Engineering with no limits.



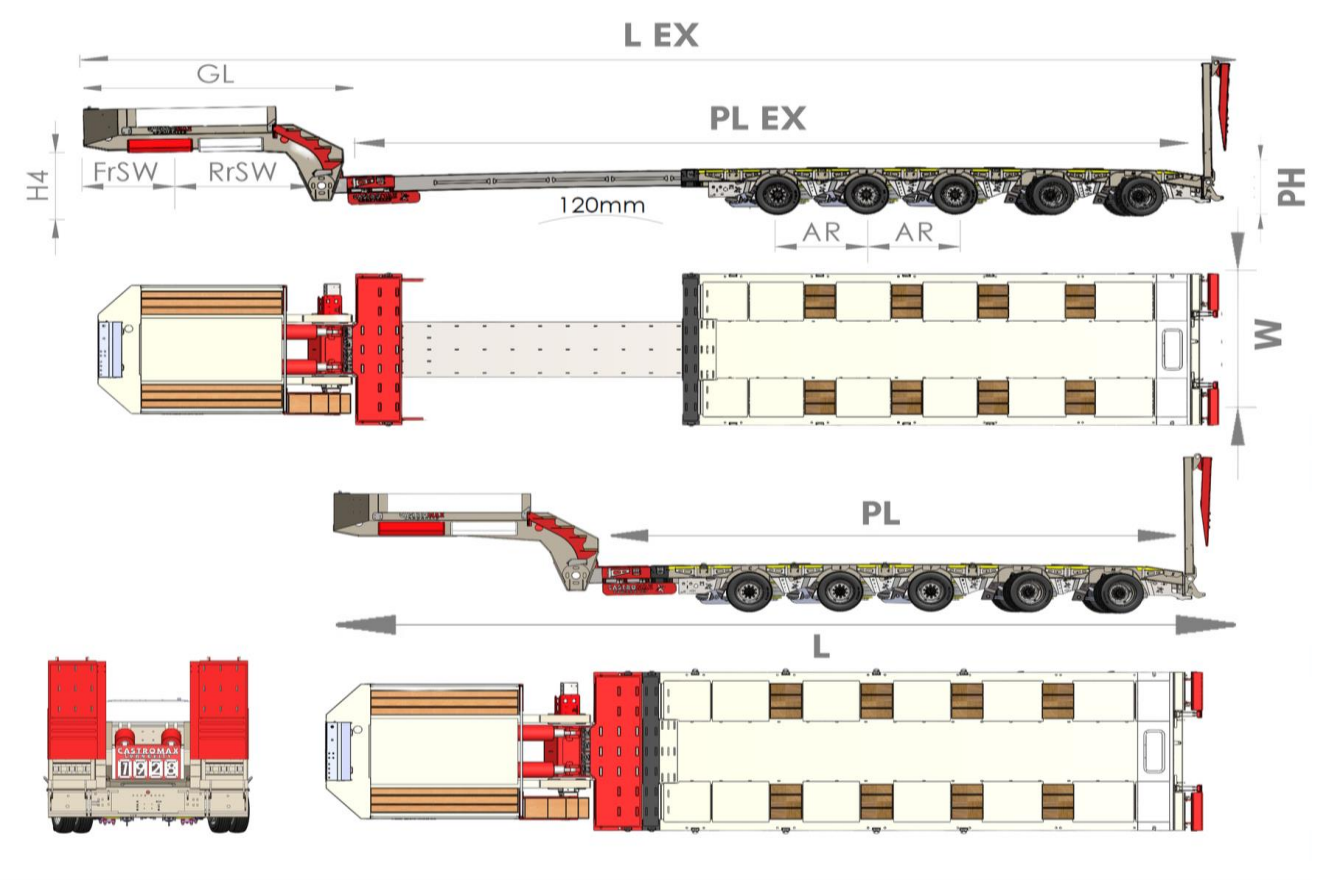
▶
Watch the
product video

The CST-MXE 5 LOWBED is a professional-series hydraulic lowbed platform designed for transporting heavy construction machinery, oversized industrial loads and construction equipment. With its mechanically extendable loading platform, self-steering on two axles and telescopic extension of up to 5 metres, it adapts to almost every load profile in the 84-tonne class.



02 Drawings & Dimensions

Official engineering drawing – CST-MXE 5 LOWBED, complete with full dimension reference table.



CODE	DESCRIPTION	VALUE (mm)
L	Overall Length	14 600
L EX	Total Extended Length	19 600
PL	Platform Length	9 600
PL EX	Extended Platform Length	14 600
GL	Gooseneck Length	4 375
AR	Axle Spacing	1 500

LOAD CAPACITY

84,000 kg

AXLE COUNT & CAPACITY

5 × 12,000 kg

TELESCOPIC EXTENSION

5 m in stages

WIDTH

3,000 mm · 0.5 m mech. extension

KING PIN / GOOSENECK

2" / 3.5" · Hydraulic

STEERING

2 Axles Self-Steering · Max. 16°

CODE	DESCRIPTION	VALUE (mm)
PH	Platform Height	900
H4	Gooseneck Total Height	1 450
FRSW	Front Swing Width	1 450
RRSW	Rear Swing Width	2 130
W	Loading Platform Width	3 000

CHASSIS MATERIAL

SSAB S700MC PLUS · S690QL · S355J2+N

BRAKE SYSTEM

4S3M EBS (WABCO) + ABS

ELECTRICAL SYSTEM

24V · 2×7 Pin SAE · SABA LED

SUSPENSION

Air Suspension

PAINT / COATING

Sandblasting + Epoxy Primer + 2K Acrylic

TYRE & RIM

245/70 R17.5 · 20+1 · Jantza/Petlas

NOTE

Dimensions can be revised on customer request – prices may vary accordingly. Please state your required dimensions at the order confirmation stage.

03 Superior Durability

Every lowbed we build is engineered with high-strength steels, advanced hydraulic systems and an optimised weight distribution to deliver maximum safety, stability and efficiency. All of the equipment listed below is supplied as standard.

STANDARD EQUIPMENT

- 2-Axle Self-Steering System (16°)
- 5 m Telescopic Platform Extension
- 0.5 m Mechanical Extension
- Hydraulic Gooseneck · 2 King Pin (2"/3.5")
- Hydraulic Bi-Fold Ramp (10°)
- 4S3M EBS (WABCO) + ABS Brake System
- 24V SABA LED Lighting System
- Air Suspension · 5 × 12 Ton Axles
- TPMS Tyre Pressure Monitoring System
- Remote Control via Mobile App
- Spring Brake Chamber Extension Control
- Sandblasting + Epoxy Primer + 2K Acrylic Paint



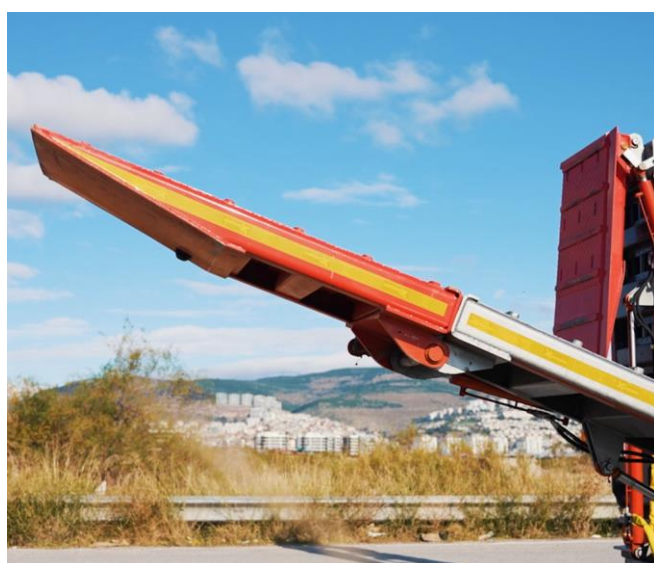
Field-Proven Strength

In real load conditions; from machinery to containers.



Staged Tonnage Capacity

Controlled 84 / 76 / 69.5 / 64 / 59 / 55 ton capacity.



Hydraulic Bi-Fold Ramp

Easy, safe loading with a 10° approach angle.



Smart Remote Control

Wireless operation via touch panel and mobile app.

Strength and balance
for any load.



▶
Watch the
product video



CST-MXE 5 LOWBED • CASTROMAX Trailers

03 TECHNICAL DRAWINGS

The wider lowbed programme.

Beyond the five featured platforms, CASTROMAX builds the same lowbed architecture in two, three, four and five axle configurations – standard, extendable and well-deck. The pages that follow give the official engineering drawing and dimension table for each of them.

31

CST-MX 2 LOWBED

2 Axles · Standard

- L 13,600 mm

32

CST-MX 4 LOWBED

4 Axles · Standard

- L 13,600 mm

33

CST-MX 5 LOWBED

5 Axles · Standard

- L 13,600 mm

34

CST-MXE 2 LOWBED

2 Axles · Extendable

- L 13,600 mm

35

CST-MXE 3 LOWBED

3 Axles · Extendable

- L 13,600 mm

36

CST-MXE 4 LOWBED

4 Axles · Extendable

- L 13,600 mm

37

CST-MXE 5 LOWBED

5 Axles · Extendable

- L 13,600 mm

38

CST-MXE H4 TIEFBETT

4 Axles · Well-Deck

- L 22,150 mm

39

CST-MXE H5 TIEFBETT

5 Axles · Well-Deck

- L 23,650 mm

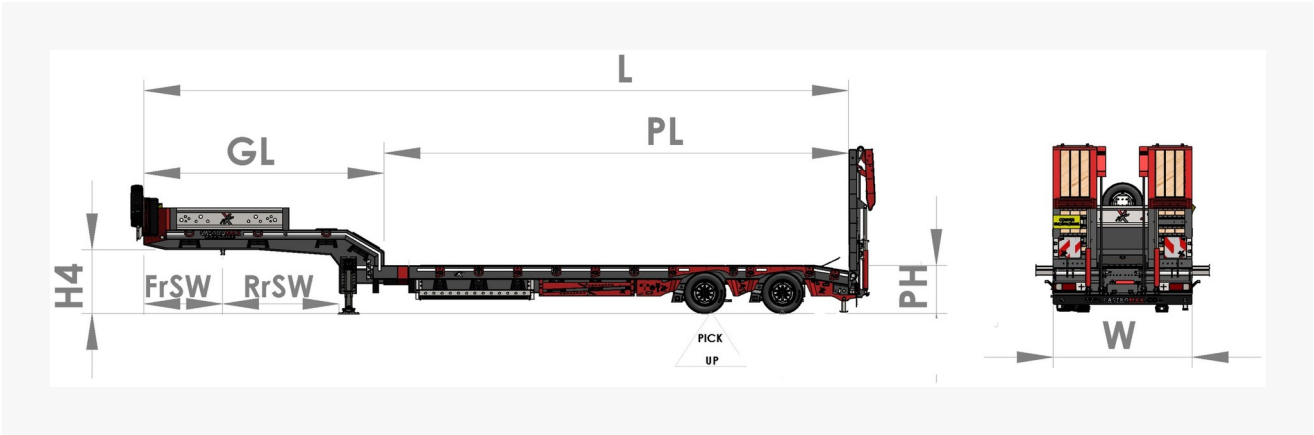
NOTE

Drawings are shown without scale. All dimensions can be revised on customer request – prices may vary accordingly. Please specify the required dimensions at order stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MX 2 LOWBED

2 Axles · Standard Hydraulic Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE	CODE	DESCRIPTION	VALUE
WB	Wheelbase	9,350	PH	Platform Height	900
L	Overall Length	13,600	H4	Gooseneck Overall Height	1,200
PL	Platform Length	9,000	FRSW	Front Swing Width	1,450
GL	Gooseneck Length	4,400	RRSW	Rear Swing Width	2,130
AR	Axle Spacing	1,420	W	Overall Width	2,550

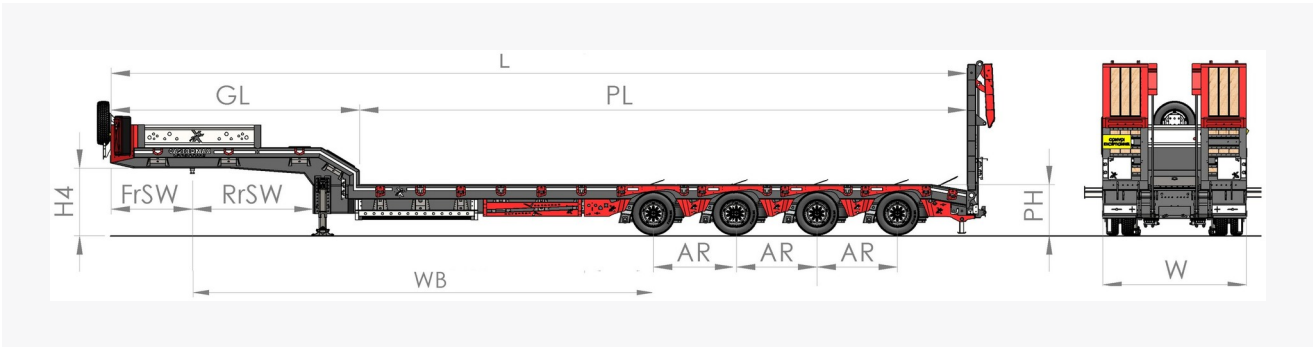
NOTE

Dimensions can be revised on customer request — prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MX 4 LOWBED

4 Axles · Standard Hydraulic Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE	CODE	DESCRIPTION	VALUE
WB	Wheelbase	7,930	PH	Platform Height	900
L	Overall Length	13,600	H4	Gooseneck Overall Height	1,200
PL	Platform Length	9,000	FRSW	Front Swing Width	1,450
GL	Gooseneck Length	4,400	RRSW	Rear Swing Width	2,130
AR	Axle Spacing	1,420	W	Overall Width	2,550

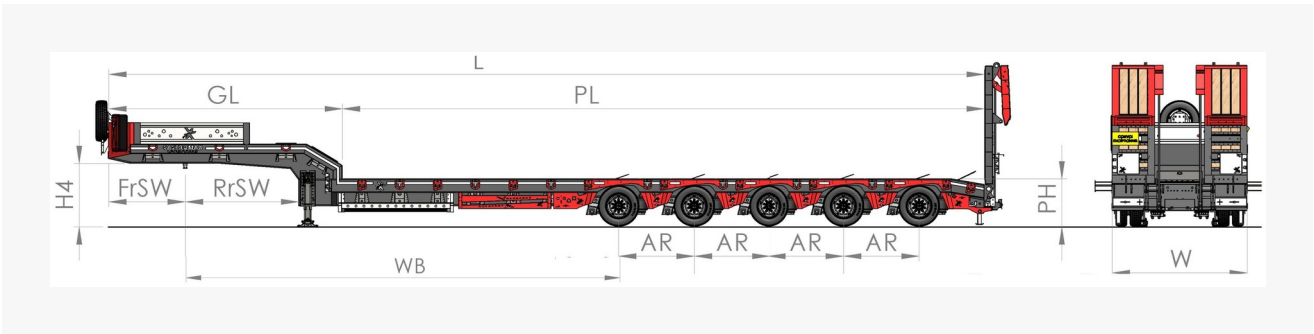
NOTE

Dimensions can be revised on customer request — prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MX 5 LOWBED

5 Axles · Standard Hydraulic Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE
WB	Wheelbase	6,190
L	Overall Length	13,600
PL	Platform Length	9,000
GL	Gooseneck Length	4,400
AR	Axle Spacing	1,500

CODE	DESCRIPTION	VALUE
PH	Platform Height	900
H4	Gooseneck Overall Height	1,200
FRSW	Front Swing Width	1,450
RRSW	Rear Swing Width	2,130
W	Overall Width	2,550

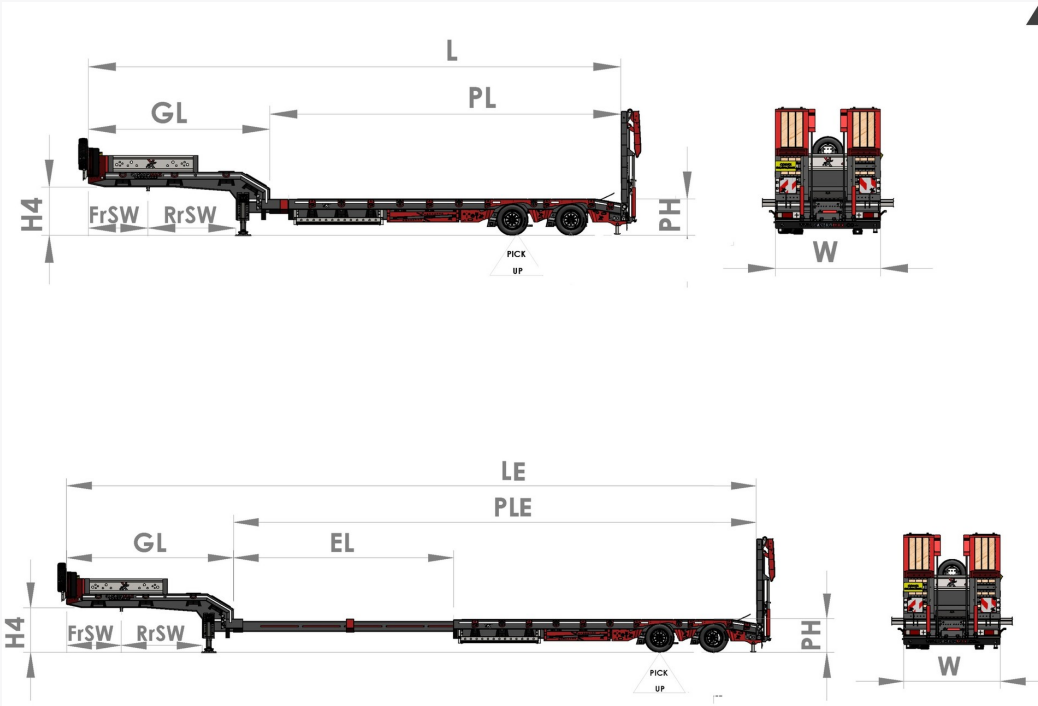
NOTE

Dimensions can be revised on customer request — prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MXE 2 LOWBED

2 Axles · Extendable Hydraulic Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE	CODE	DESCRIPTION	VALUE
WB	Wheelbase	9,350	AR	Axle Spacing	1,420
L	Overall Length	13,600	PH	Platform Height	900
LE	Overall Extended Length	18,600	H4	Gooseneck Overall Height	1,200
PL	Platform Length	9,000	FRSW	Front Swing Width	1,450
PLE	Platform Extended Length	14,000	RRSW	Rear Swing Width	2,130
GL	Gooseneck Length	4,400	W	Overall Width	2,550

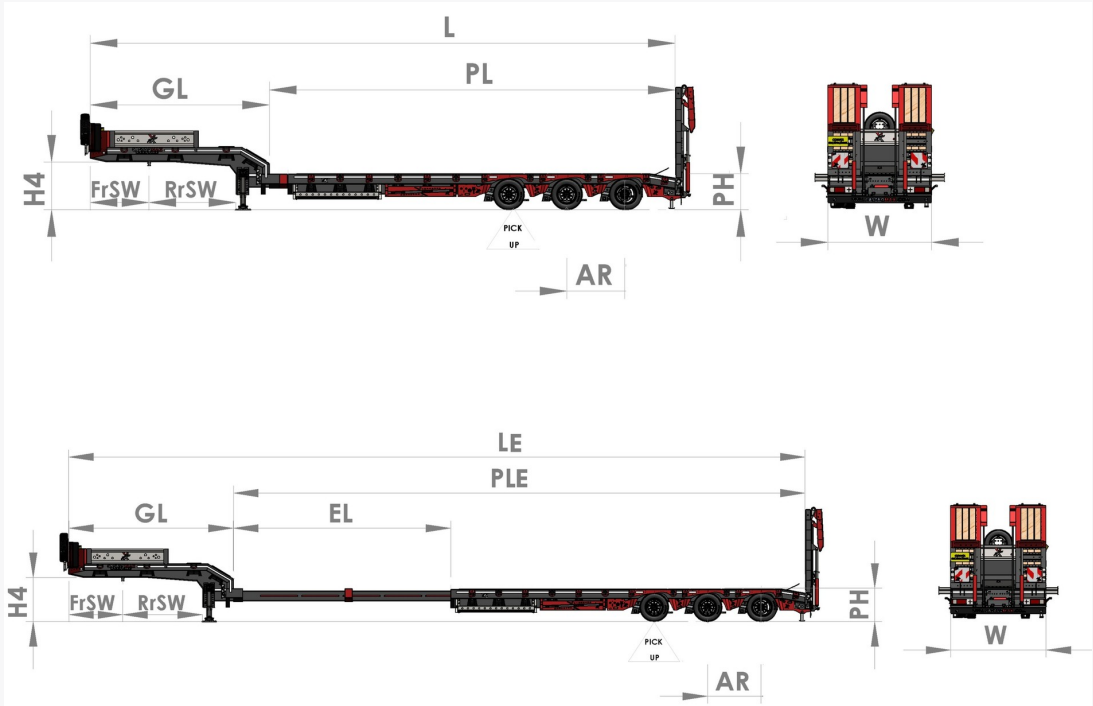
NOTE

Dimensions can be revised on customer request — prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MXE 3 LOWBED

3 Axles · Extendable Hydraulic Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE
WB	Wheelbase	9,350
L	Overall Length	13,600
LE	Overall Extended Length	18,600
PL	Platform Length	9,000
PLE	Platform Extended Length	14,000
GL	Gooseneck Length	4,400

CODE	DESCRIPTION	VALUE
AR	Axle Spacing	1,420
PH	Platform Height	900
H4	Gooseneck Overall Height	1,200
FRSW	Front Swing Width	1,450
RRSW	Rear Swing Width	2,130
W	Overall Width	2,550

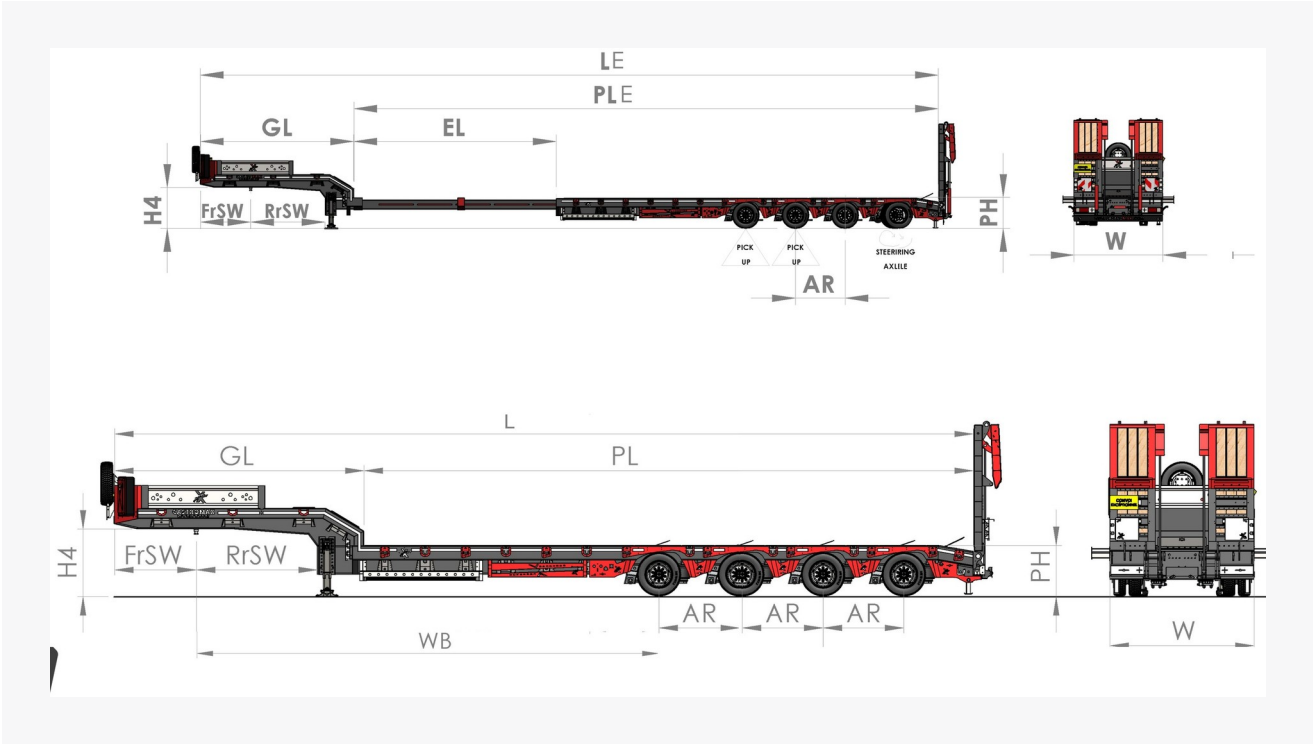
NOTE

Dimensions can be revised on customer request — prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MXE 4 LOWBED

4 Axles · Extendable Hydraulic Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE
WB	Wheelbase	7,690
L	Overall Length	13,600
LE	Overall Extended Length	18,600
PL	Platform Length	9,000
PLE	Platform Extended Length	14,000
EL	Extension Length	5,000
GL	Gooseneck Length	4,400

CODE	DESCRIPTION	VALUE
AR	Axle Spacing	1,500
PH	Platform Height	900
H4	Gooseneck Overall Height	1,200
FRSW	Front Swing Width	1,450
RRSW	Rear Swing Width	2,130
W	Overall Width	2,550

NOTE

Dimensions can be revised on customer request – prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MXE 5 LOWBED

5 Axles · Extendable Hydraulic Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE
WB	Wheelbase	6,190
L	Overall Length	13,600
LE	Overall Extended Length	18,600
PL	Platform Length	9,000
PLE	Platform Extended Length	14,000
EL	Extension Length	5,000
GL	Gooseneck Length	4,400

CODE	DESCRIPTION	VALUE
AR	Axle Spacing	1,500
PH	Platform Height	900
H4	Gooseneck Overall Height	1,200
FRSW	Front Swing Width	1,450
RRSW	Rear Swing Width	2,130
W	Overall Width	2,550

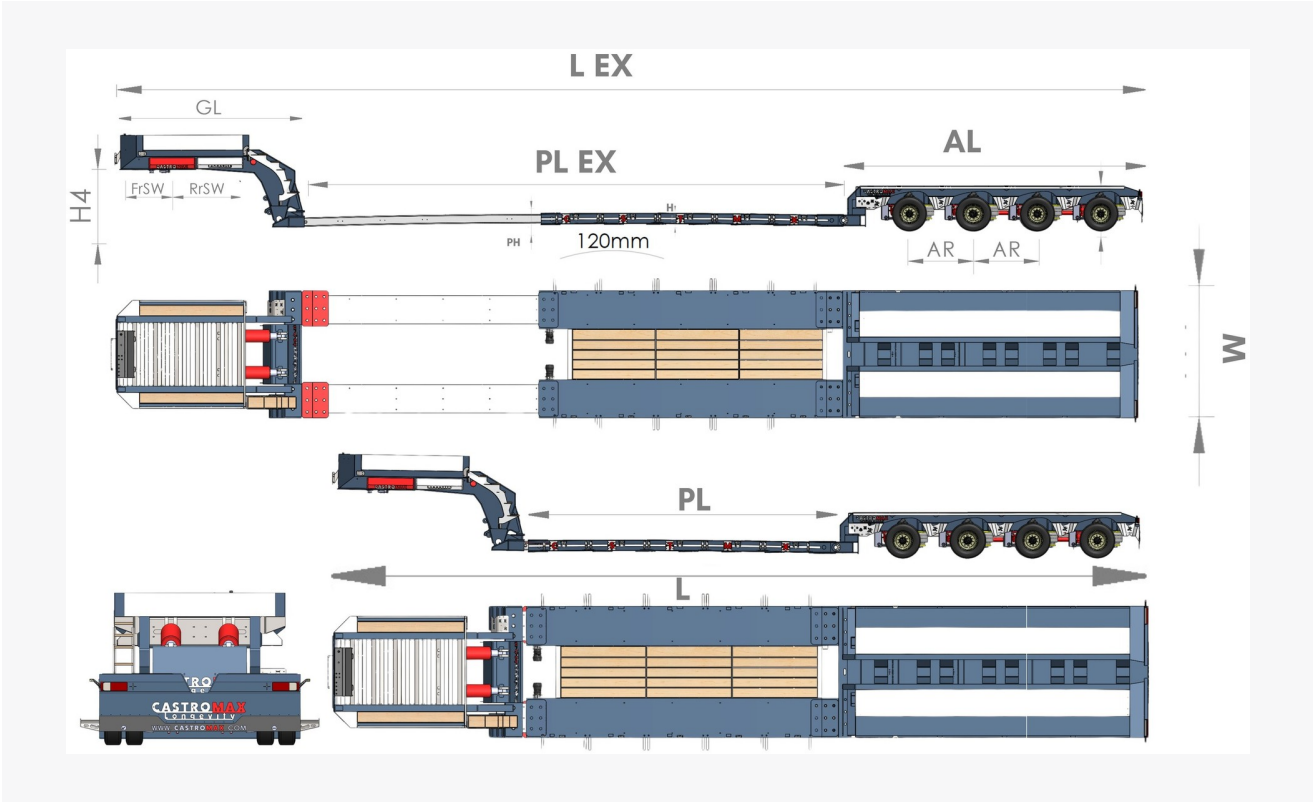
NOTE

This model also has a full section in this catalogue (page 25). Where figures differ, the specification in that section is the current one – please confirm at order stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MXE H4 TIEFBETT

4 Axles · Extendable Well-Deck Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE	CODE	DESCRIPTION	VALUE
L	Overall Length	22,150	H	Bridge Height	220
L EX	Overall Extended Length	29,150	PH	Platform Height	320
PL	Platform Length	10,830	H4	Gooseneck Overall Height	1,450
PL EX	Platform Extended Length	17,830	FRSW	Front Swing Width	1,450
GL	Gooseneck Length	4,375	RRSW	Rear Swing Width	2,130
AR	Axle Spacing	1,500	W	Overall Width	3,000
AL	Axle Group Length	6,945			

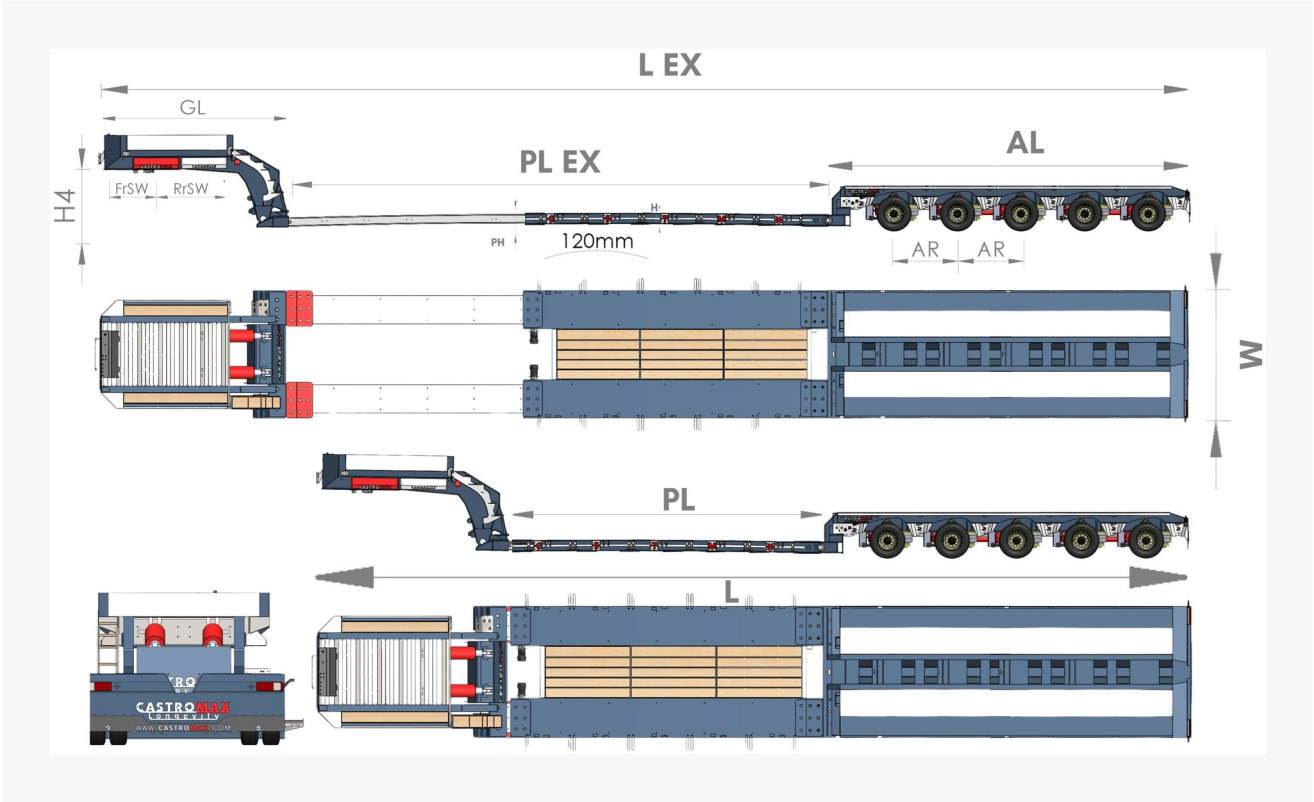
NOTE

Dimensions can be revised on customer request – prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

TECHNICAL DRAWING & DIMENSIONS

CST-MXE H5 TIEFBETT

5 Axles · Extendable Well-Deck Lowbed



DIMENSION REFERENCE

All values in millimetres

CODE	DESCRIPTION	VALUE
L	Overall Length	23,650
L EX	Overall Extended Length	30,650
PL	Platform Length	10,830
PL EX	Platform Extended Length	17,830
GL	Gooseneck Length	4,375
AR	Axle Spacing	1,500
AL	Axle Group Length	8,445

CODE	DESCRIPTION	VALUE
H	Bridge Height	220
PH	Platform Height	320
H4	Gooseneck Overall Height	1,450
FRSW	Front Swing Width	1,450
RRSW	Rear Swing Width	2,130
W	Overall Width	3,000

NOTE

Dimensions can be revised on customer request – prices may vary accordingly. Please specify the required dimensions at order confirmation stage.

04 VEHICLE MOUNTED

The lowbed, mounted on the truck.



Watch the
product video

The CST-MX-VM is a vehicle-mounted low-bed body built directly onto a truck chassis. It carries the same ramp, side-extension and lashing technology as the semi-trailer range, in a rigid body designed around the mechanical characteristics of the host vehicle.



9,200

MM BODY LENGTH

2,540

MM OVERALL WIDTH

400

MM RAMP WIDENING

14°

RAMP APPROACH

IN THIS SECTION

41 General Arrangement & Dimensions

43 Ramp Mechanism & Side Shift

45 Superstructure & Equipment

47 Gallery · On Site

42 Platform & Ramp Assembly

44 Ramp Geometry & Main Subframe

46 Finish, Materials & Scope of Supply

NOTE

Specifications on the following pages are taken from the CST-MX-VM technical drawing set. Dimensions and equipment can be revised on customer request — prices may vary accordingly.

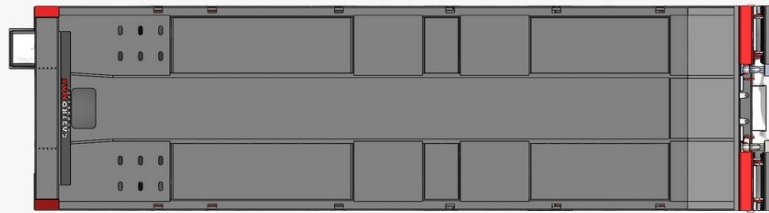
GENERAL ARRANGEMENT & DIMENSIONS

CST-MX-VM LOW-BED

Vehicle Mounted Low-Bed · general arrangement



Watch the
product video



PRINCIPAL DIMENSIONS

Platform length (average)	8,300 mm	Overall body length	9,200 mm
Overall width	2,540 mm	Headboard height	300 + 140 mm
Side extension	250 mm × 2	Min. ramp approach angle	14°

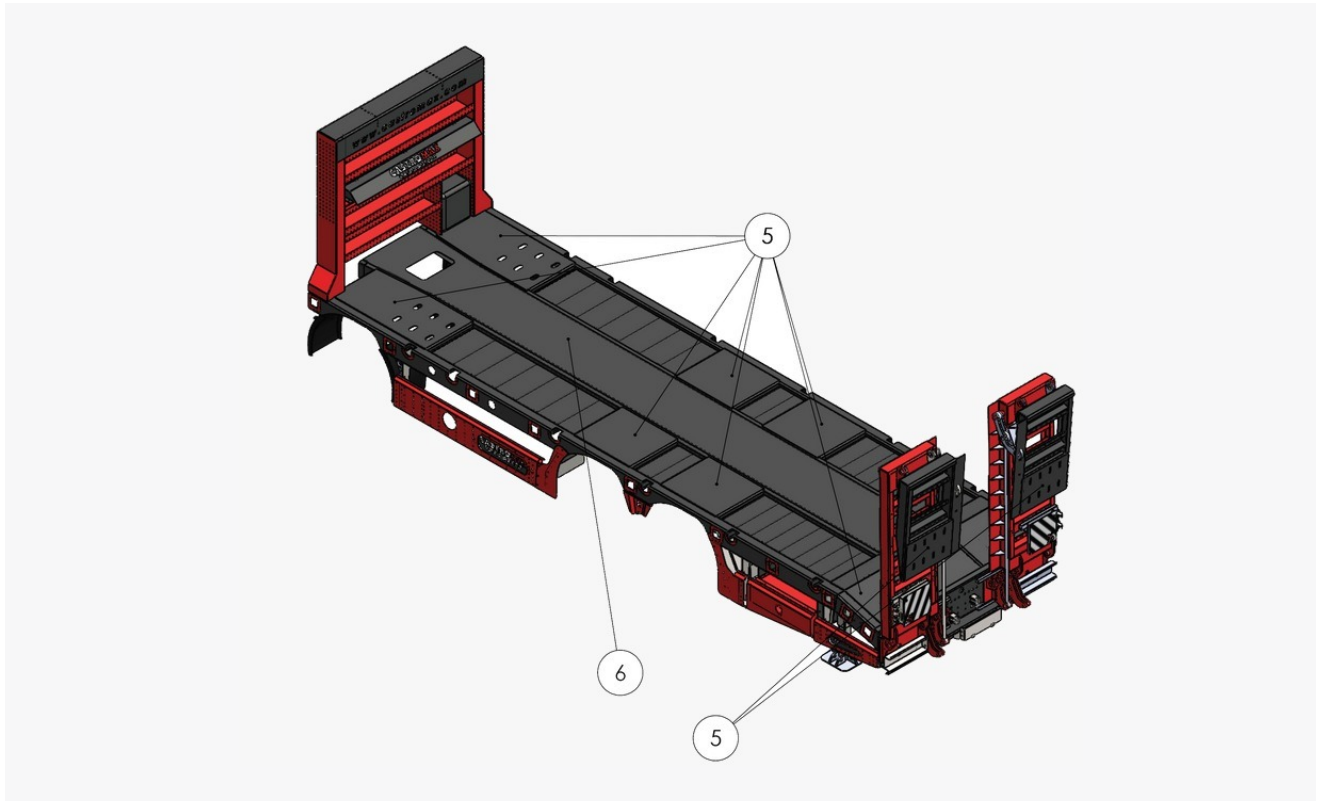
ARRANGEMENT NOTES

- Overall width of 2,540 mm includes the side trim and the outer faces of the pull-out drawers.
- Headboard is designed to finish level with the cab roof line.
- Two side extension drawers of 250 mm each; the side extension boards are supplied with the unit.
- A 13,500 lb electric winch drum is fitted as standard.
- Long ramp: sheet surface with flat bar over it. Short ramp: timber and sheet covered.

PLATFORM & RAMP ASSEMBLY

CST-MX-VM LOW-BED

Deck plating · ramp structure



COMPONENT SPECIFICATION

Item numbers refer to the drawing above

5	5 × 6 mm tear-drop patterned plate (CETA)
6	3 × 4 mm tear-drop patterned plate
7	Ø 80 mm long ramp retaining shaft (1040 grade)
8	Ramp chassis plates 8 mm (S355J2+N · 6052 series)
9	Ramp lug connection parts 10 mm (S355J2+N · 6052 series)
10	Eccentric lever 20 mm (S355J2+N · 6052 series)
11	Ø 60 mm short ramp retaining shaft (1040 grade)
12	Ramp inner cross members 5 mm (S355J2+N · 6052 series)
13	Eccentric shaft, 60 × 30 tube (adjustable gudgeon design)

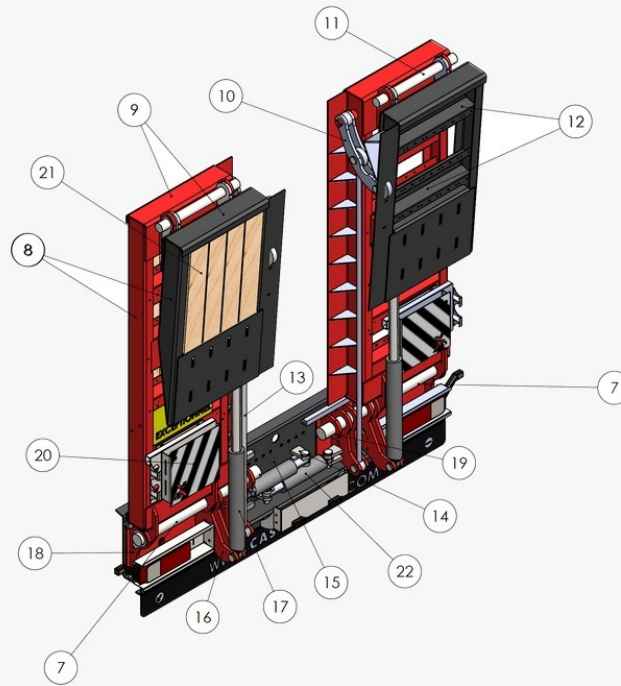
NOTE

Item numbers correspond to the CST-MX-VM assembly drawing. Plate thicknesses and material grades are fixed specification and are not reduced on any build.

RAMP MECHANISM & SIDE SHIFT

CST-MX-VM LOW-BED

Cylinders · lugs · side-shift system



COMPONENT SPECIFICATION

Item numbers refer to the drawing above

- | | |
|-------|---|
| 14 | Ramp side-shift cylinder mounting lug 20 mm (S355J2+N · 6052 series) |
| 15 | Rear bumper 8 mm (S355J2+N · 6052 series) |
| 16 | Ramp raise / lower cylinder mounting lug 20 mm (S355J2+N · 6052 series) |
| 17 | Ramp raise / lower cylinder — tube Ø 70 × 85 mm, rod Ø 50 mm, stroke 650 mm |
| 18-19 | Ramp holding lugs 20 mm (S355J2+N · 6052 series) |
| 20 | Side pull-out reflectors 3 mm, S235 grade (movable, with rotating beacon connection) |
| 21 | 60 mm thick pine timber with protective wood coating |
| 22 | Side-shift cylinders — tube Ø 75 × 63 mm, rod Ø 40 mm, stroke 200 mm (ramps widen by a total of 400 mm) |

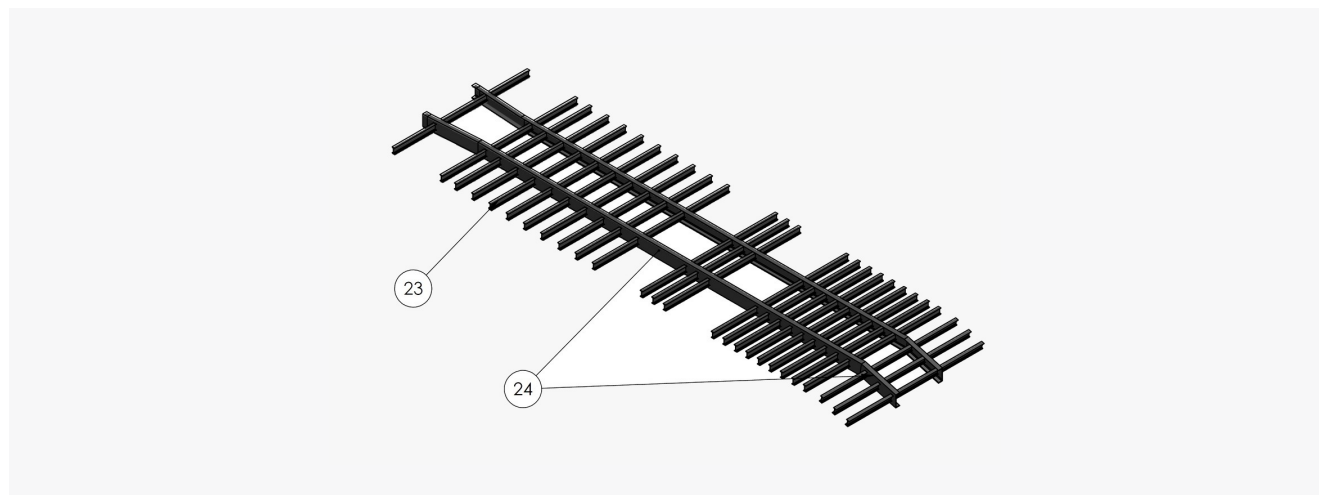
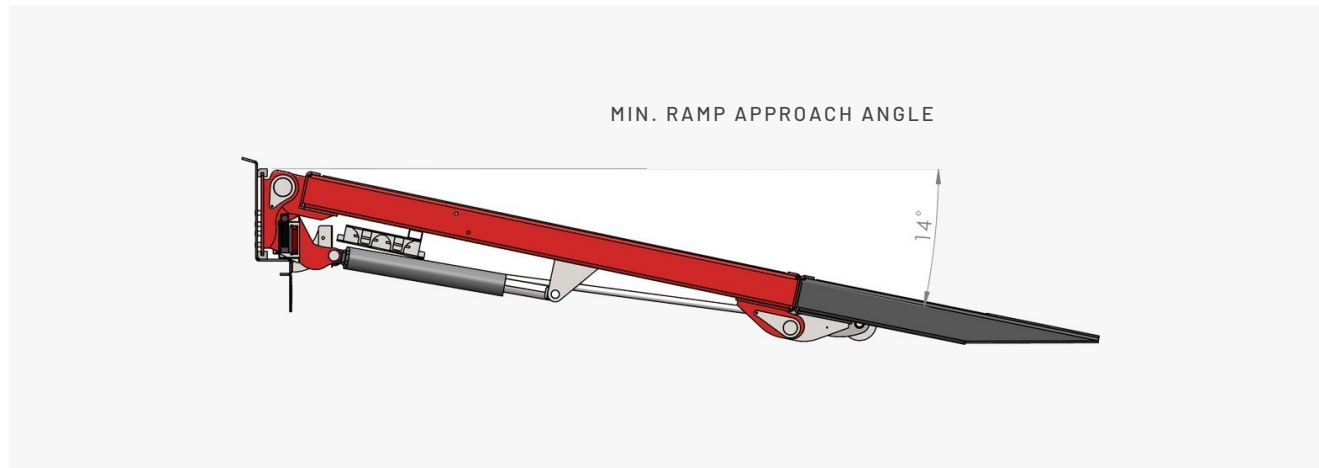
NOTE

The two side-shift cylinders move each ramp outward by 200 mm, giving a total ramp widening of 400 mm.

RAMP GEOMETRY & MAIN SUBFRAME

CST-MX-VM LOW-BED

Approach angle · chassis structure



COMPONENT SPECIFICATION

RAMP ANGLE	Ramp designed with a minimum approach angle of 14°
23	100 mm NPI material – structural members running the full length of the chassis. Centre-to-centre spacing of the NPI members is between 250 mm and 300 mm; the exact spacing is determined by the mechanical characteristics of the truck the body is mounted on.
24	200 mm NPU material – NPI holes are laser cut. All dimensioning, including chassis joints and connection points, is carried out on a CNC laser machine.

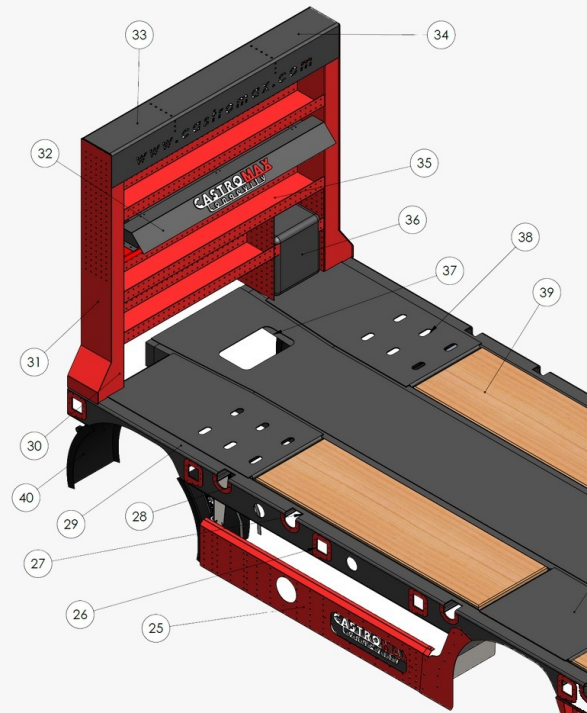
NOTE

The subframe is dimensioned for the specific truck chassis it is mounted on; member spacing is confirmed at order stage.

SUPERSTRUCTURE & EQUIPMENT

CST-MX-VM LOW-BED

Headboard · cabinets · side extensions



COMPONENT SPECIFICATION

Item numbers refer to the drawing above

25	Side screw-fixed bicycle racks 3 mm, S235JR	33-34	5 mm (S355J2+N · 6052 series) cab-rear guard post, above-chassis U closing material
26	100 × 100 × 8 mm side pull-out profiles (provide 250 mm × 2 widening)	35	5 mm (S355J2+N · 6052 series) side extension chock shelves
27	10-tonne certified lashing rings (galvanised)	36	65 L oil tank and its housing compartment
28	2 mm side trim, pop-riveted, S235JR grade	37	Access cover for the vehicle transfer case and PTO
29	8 mm side skirts (S355J2+N · 6052 series)	38	Wheel chock housings – recesses formed in the tear-drop patterned plate
30-31	5 mm (S355J2+N · 6052 series) cab-rear guard post, chassis U and closing material	39	70 mm thick pine timber with protective wood coating
32	Storage cabinet of 0.7 m ³ capacity, S235JR grade	40	Plastic mudguards and clamp sets

NOTE

Cabinet volumes and shelf positions are built to suit the host vehicle; final arrangement is confirmed at order stage.

FINISH, MATERIALS & SCOPE OF SUPPLY

CST-MX-VM LOW-BED

Coating · material grades · delivery scope

PAINT

One coat of anti-corrosion primer followed by two coats of high-quality top coat, applied so the paint penetrates properly. The vehicle chassis is painted as well.

METAL GRADES

All components are manufactured from ST52 / 6052 grade sheet. Side inserts are made from 100 mm NPI material. The upper main chassis is manufactured from 200 mm NPU material.

WINCH DRUM

An 18-tonne hydraulic winch drum is available on request. The drum can be traversed left and right by a hydraulic cylinder. Not included in the standard scope.

SCOPE OF SUPPLY

- One-piece cabinet behind the cab, with two shelves for part of the timber. The cabinet does not have capacity for the full set of side extension boards.
- Cabinets of suitable size are built on the right and left at the rear of the chassis.
- TSE type approval is completed either as a special-purpose recovery vehicle or as a vehicle-mounted low-bed, according to the buyer's preference — with no effect on price.
- Markings and decals.
- Two sliding warning reflectors, fitted at the rear of the ramp.
- Twelve forged 10-tonne lashing rings on the platform.

NOTE

Equipment listed as optional is not included in the standard scope. Specifications and dimensions can be revised on customer request — prices may vary accordingly.



CST-MX-VM · ON SITE

Vehicle mounted,
road ready. ●



Watch the
product video



CST-MX-VM LOW-BED · CASTROMAX TRAILERS

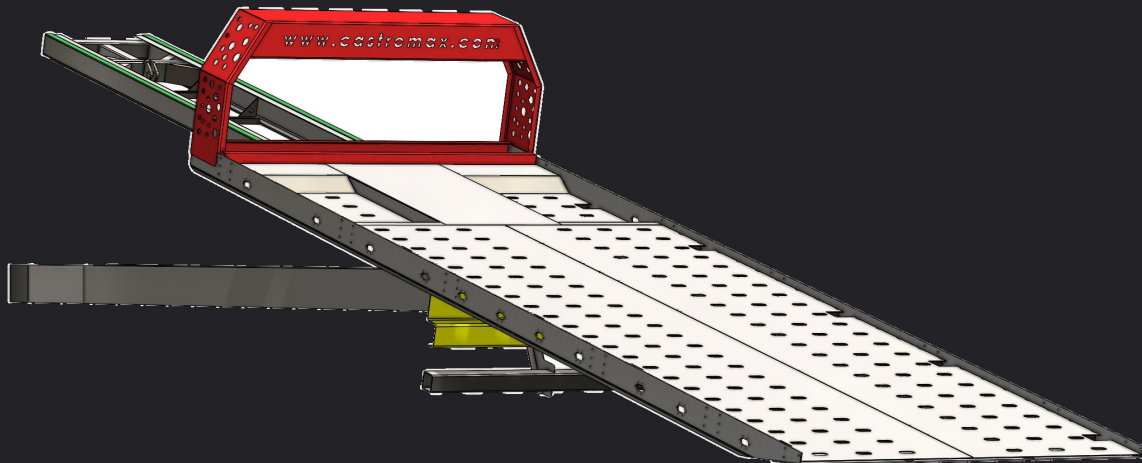
05 SLIDING CHASSIS

Tilt and slide, down to the ground.



Watch the
product video

The CST-MX-SC is a vehicle-mounted sliding chassis body. The deck slides rearward on guided rails and tilts until it meets the road, turning the whole platform into a ramp — so a vehicle that cannot be driven, or that sits too low for a fixed bed, is winched straight on without being lifted.



WHY A SLIDING CHASSIS

- No lifting**
 The deck becomes the ramp; the casualty vehicle never leaves the ground level.
- Single operator**
 Tilt, slide and winch are all driven hydraulically from the headboard controls.
- Low approach**
 The bevelled rear edge keeps the approach shallow for low-slung vehicles.
- Fleet ready**
 Built on the host truck chassis, so it stays inside normal road dimensions.

IN THIS SECTION

49 Design & Operating Principle

50 Construction & Sub-Frame

51 Gallery · On Site

NOTE

The CST-MX-SC is built to the host truck chassis, so deck dimensions, payload, tilt angle and winch capacity are set per project. The figures for your configuration are issued with the offer drawing at order stage.

DESIGN & OPERATING PRINCIPLE

CST-MX-SC SLIDING CHASSIS

Tilt-and-slide sequence · design features



Watch the
product video



LOADING SEQUENCE

01

Slide & tilt

With the PTO engaged, the deck slides rearward on its rails and tilts until the bevelled rear edge meets the road.

02

Winch on

The casualty vehicle is winched onto the punched non-slip deck — no lifting, no dollies.

03

Return & lock

The deck slides forward onto its wear pads and locks in the transport position.

DESIGN FEATURES

Deck	Full-width punched deck plate with a non-slip pattern; one-piece bevelled rear edge for a low approach angle, so low-slung and non-driveable vehicles load without grounding.
Slide system	Twin longitudinal slide beams running inside guided rails with replaceable wear pads — no exposed rollers to collect road dirt.
Tilt & slide drive	Hydraulic, PTO-driven. Tilt and slide are combined in one controlled movement, so the deck reaches the ground without the body overhanging the rear axle.
Headboard	Structural front bulkhead carrying the recovery winch, its guide and the operator controls, with a perforated screen protecting the cab.
Sub-frame	Bolted sub-frame that spreads the body load into the truck chassis; hose routing is carried inside the frame, out of the way of road debris.
Securing	Lashing points and wheel chock brackets integrated into the deck structure rather than welded on top of it.

CONSTRUCTION & SUB-FRAME

CST-MX-SC SLIDING CHASSIS

Deck structure · slide beams · mounting



STRUCTURE

Deck plate	Punched non-slip plate over transverse members, giving grip and letting water and grit fall clear of the deck.
Cross members	Closely pitched transverse members carrying the deck plate into the two main slide beams.
Slide beams & rails	Two main beams travelling in guided rails; the running faces carry replaceable wear pads.
Rear bevel	Chamfered rear deck edge, the part that contacts the ground – formed from a single plate so there is no joint at the loading edge.
Chock brackets	Wheel chock and lashing brackets fixed into the deck structure (shown in yellow on the assembly drawing).
Headboard frame	Welded portal frame with a perforated face, carrying the winch and its protective screen.
Hydraulics	Double-acting cylinder for the tilt and slide movement, fed from the truck PTO and pump; controls at the headboard.
Sub-frame	Longitudinal sub-frame bolted to the truck chassis, dimensioned for the host vehicle's frame section and wheelbase.

CONFIGURATION

Body type	Tilt-and-slide recovery body
Mounting	Sub-frame bolted to chassis
Drive	Hydraulic, PTO-driven
Deck surface	Punched non-slip plate
Winch	Mounted in the headboard
Finish	Primer + 2K acrylic paint

SPECIFIED PER PROJECT

- Deck length and width
- Payload / safe working load
- Tilt angle and slide stroke
- Winch capacity and rope specification
- Host chassis GVW and wheelbase requirement
- Lighting, storage boxes and wheel-lift options

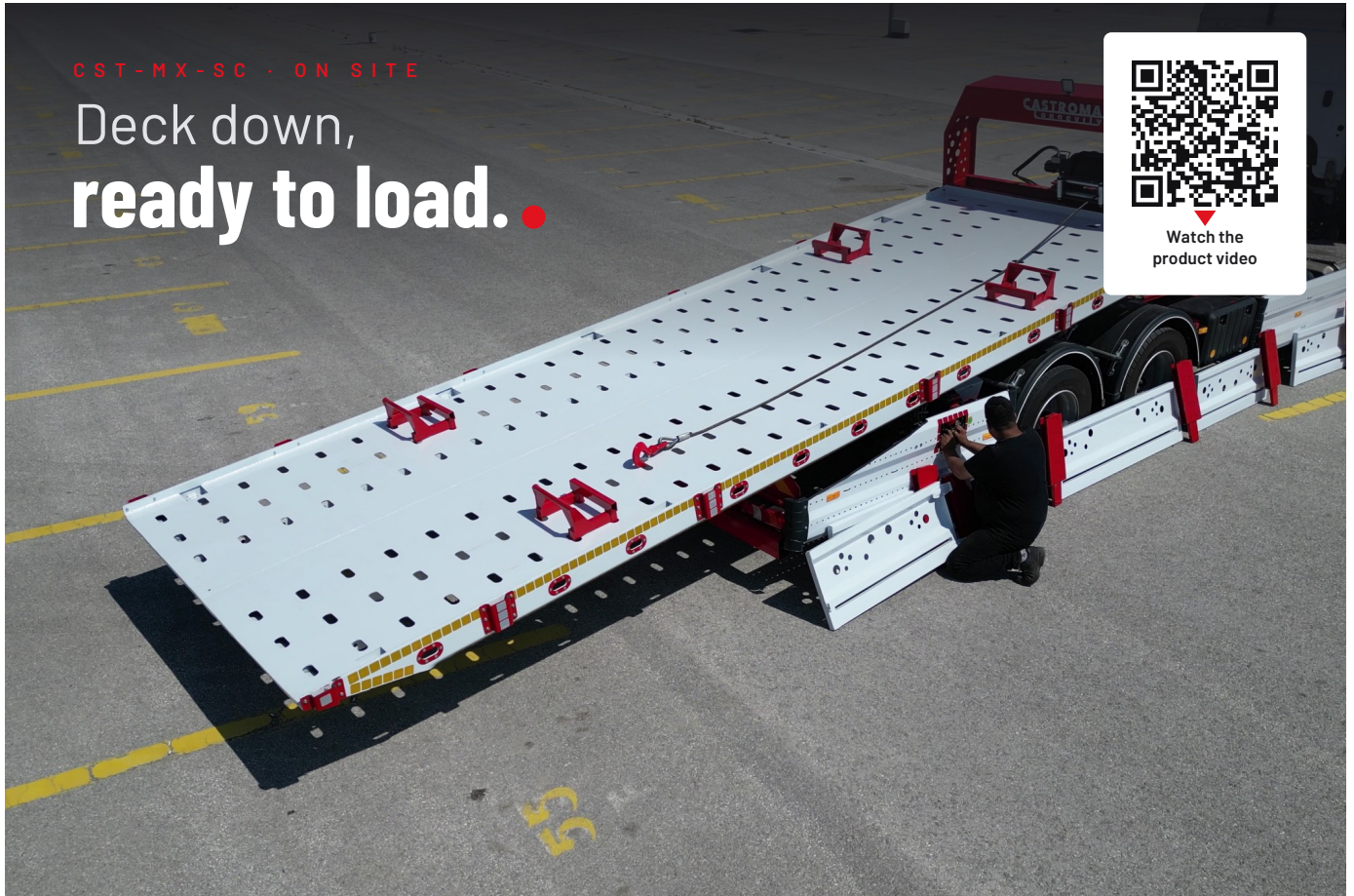
Steel grades, laser-cut components and the sandblasting + epoxy primer + 2K acrylic paint system follow the same CASTROMAX construction standard applied across the lowbed range. Deck dimensions and capacities are issued with the offer drawing at order stage.

CST-MX-SC · ON SITE

Deck down,
ready to load.



Watch the
product video



CST-MX-SC SLIDING CHASSIS · CASTROMAX TRAILERS

06 DRAWBAR TRAILER

A full trailer, steered from the drawbar.

The CST-MX Turntable Drawbar Trailer carries its load between a steered front bogie and a rear axle group. The front bogie turns on a ball-race turntable under the drawbar, so the trailer tracks the towing vehicle closely — and because the truck keeps its own deck, the combination moves more payload per journey than a tractor and semi-trailer.



WHY A DRAWBAR TRAILER

- **More payload per metre**
The towing vehicle carries its own load as well, so the combination moves more per journey than a tractor and semi-trailer.
- **Follows the towing vehicle**
Turntable steering keeps the trailer on the towing vehicle's line through roundabouts and site entrances.
- **Stable under load**
Weight is carried on axles at both ends of the deck rather than through a fifth wheel, which keeps the platform level.
- **Any tow vehicle**
Couples to trucks and heavy tractors — no fifth wheel or gooseneck required on the towing unit.

AXLE CONFIGURATIONS · 2+2 · 2+3 · 3+2 · 3+3

Axle count and deck length are set per project — the same chassis architecture is built in longer and shorter versions, with two or three axles on each bogie.

IN THIS SECTION

53 General Arrangement & Dimensions

54 Configuration & Equipment

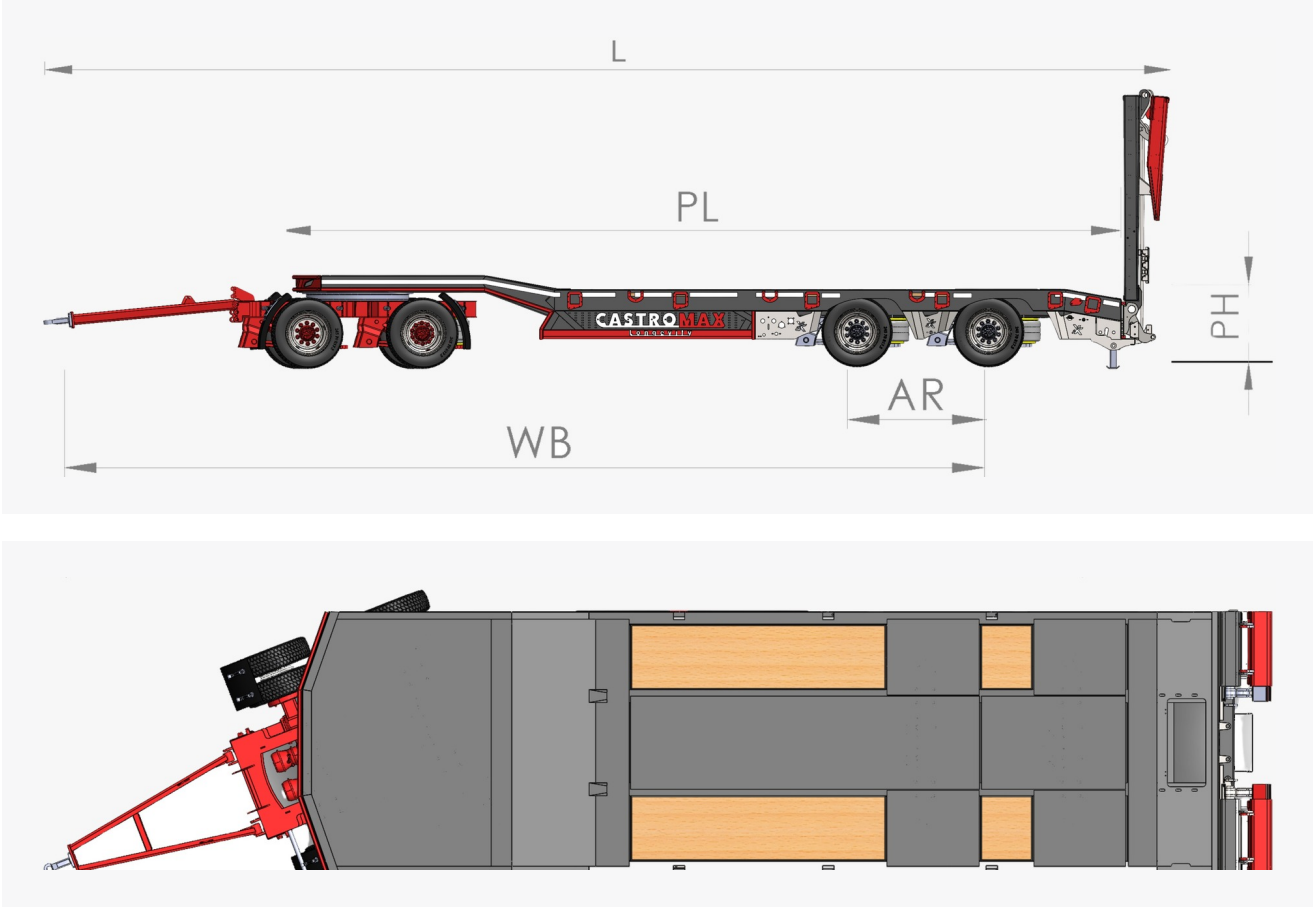
NOTE

Dimensions, axle count and equipment are set per project. The figures for your configuration are issued with the offer drawing at order stage.

GENERAL ARRANGEMENT & DIMENSIONS

CST-MX DRAWBAR TRAILER

Side and plan view · dimension codes



DIMENSION CODES

Values per configuration

L	Overall length — drawbar eye to rear of the deck
PL	Platform length — usable loading area of the low deck
WB	Wheelbase — front bogie centre to rear axle group centre
AR	Axle spacing within the rear group
PH	Platform height, unladen

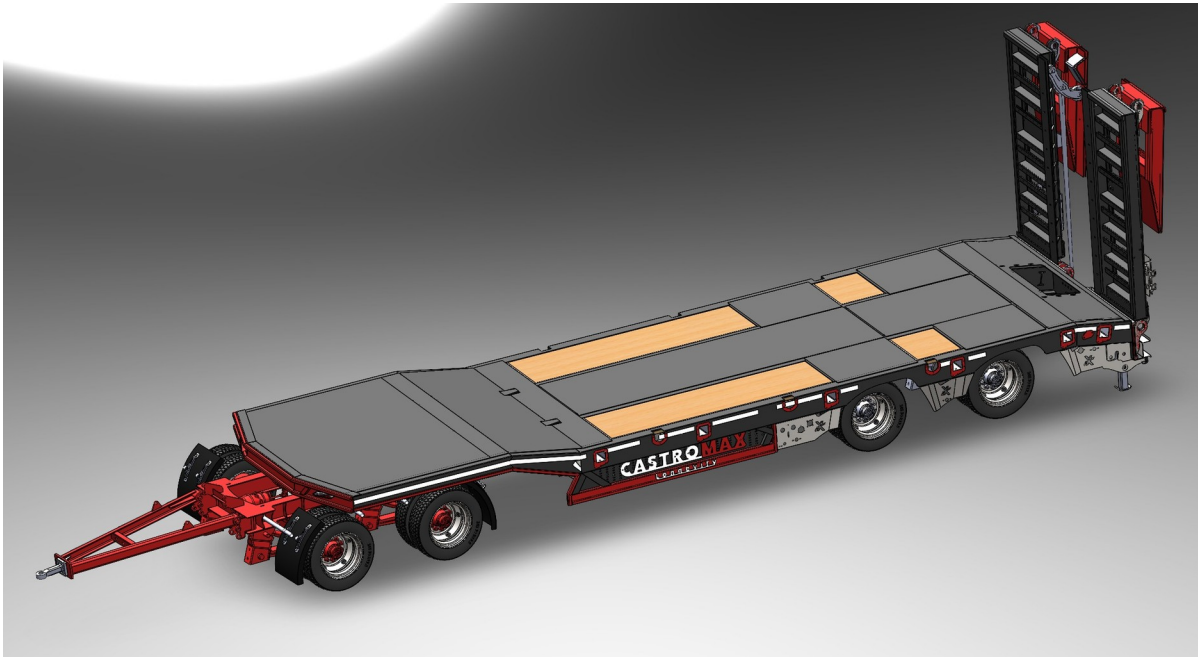
NOTE

The drawing above shows a 2 + 3 axle configuration. Overall length, platform length and wheelbase change with the chosen axle count — the dimension codes stay the same.

CONFIGURATION & EQUIPMENT

CST-MX DRAWBAR TRAILER

Axle options · design features



AXLE CONFIGURATIONS

2 + 2 Compact combination, shortest turning circle	2 + 3 The configuration shown in this drawing	3 + 2 More load over the front bogie	3 + 3 Highest payload per unit, longest deck
--	---	--	--

DESIGN FEATURES

Turntable steering	Ball-race turntable under the drawbar steers the rigid front bogie.
Drawbar	Height-adjustable drawbar, DIN towing eye Ø 40 mm (Ø 50 mm on request).
Low deck	Low deck between the bogies, with the CASTROMAX timber-insert platform.
Rear ramps	Hydraulic bi-fold rear ramps with a shallow approach angle.
Front step deck	Raised deck over the front bogie, so the steering group has full lock.
Securing	Lashing rings and chock brackets built into the deck structure.

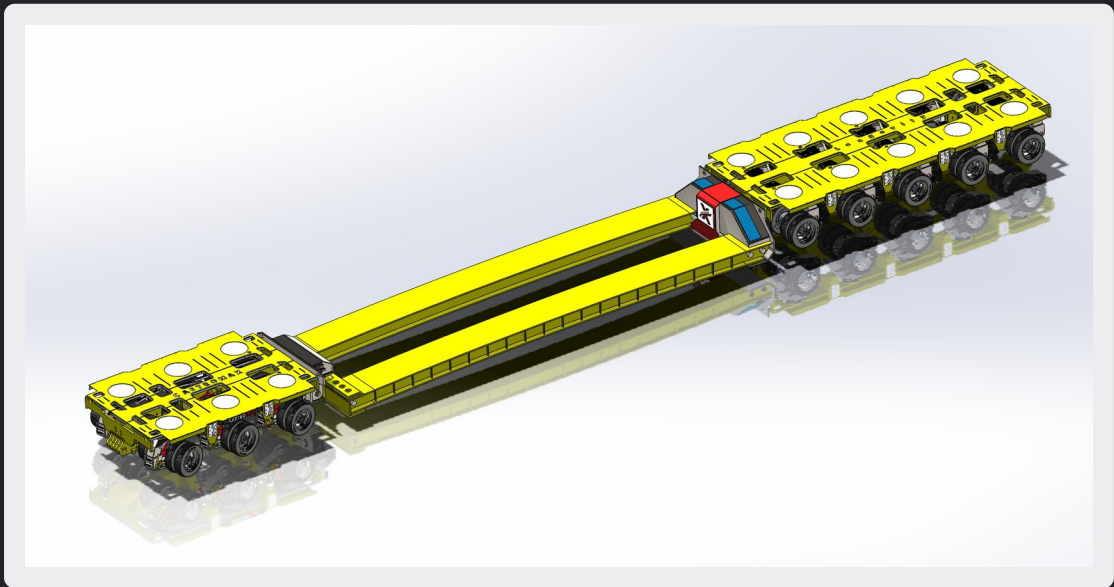
SPECIFIED PER PROJECT

- Axle count on the front bogie and the rear group
- Payload / gross combination weight
- Timber, steel or combined deck surface
- Platform length, width and deck height
- Ramp type: hydraulic bi-fold, spring-assisted or fixed
- Suspension: air or mechanical · brake system · tyre and rim size

07 SELF-PROPELLED

Modular transport, under its own power.

The CASTROMAX self-propelled modular transporter moves heavy and oversized loads without a tractor unit. The cargo rides on hydraulically suspended pendulum axle lines, coupled in the number the load requires and driven by the power pack unit.



WHY SELF-PROPELLED

- No tractor unit**
 Hydrostatic drive in the axle lines moves the combination on site, so the load never has to be transferred between vehicles.
- Steers on the spot**
 Multi-way steering lets the combination run straight, crab, carousel and rotate about its own centre.
- Level under load**
 Each axle line has its own hydraulic stroke and is grouped into support circuits, so the deck stays level over uneven ground.
- Built to the load**
 3- and 5-axle modules couple end to end and side by side – the combination grows with the cargo.

MODULE FAMILY · 3-AXLE · 5-AXLE · VESSEL BRIDGE · POWER PACK

IN THIS SECTION

56 Modules & Combinations

57 Axle & Drive Technology

NOTE

Capacities, axle loads and drive output are set per project and are issued with the offer documentation. Images show engineering models of the module family.

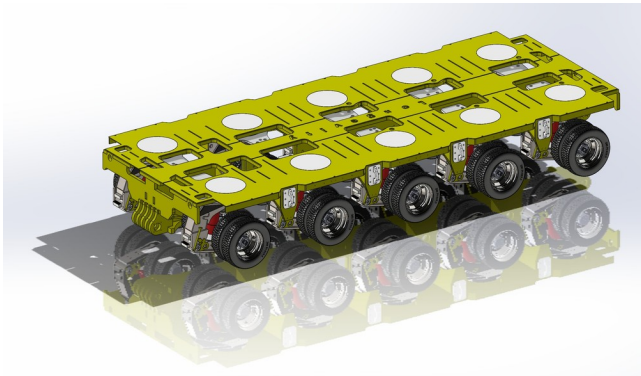
MODULES & COMBINATIONS

CASTROMAX SELF-PROPELLED

Module family · coupling options



3-axle module



5-axle module

MODULE FAMILY

3-axle module	Short module with three pendulum axle lines. Used to fine-tune the line count of a combination and for compact loads.
5-axle module	The main building block. Five pendulum axle lines under a load-spreading deck with coupling faces on all four sides.
Vessel bridge	Drop-deck beam carried between two module groups, so tall loads sit below deck level for height-critical moves.
Power pack unit	Diesel-hydraulic unit supplying drive, steering, axle stroke and the control system; operated by radio remote control.

COMBINATION OPTIONS

- End to end – modules coupled longitudinally into a single long combination.
- Side by side – two files coupled transversely for wide or very heavy loads.
- Split combination – two groups driven in synchronisation under one load.
- With vessel bridge – module groups at each end and a low deck beam between them.

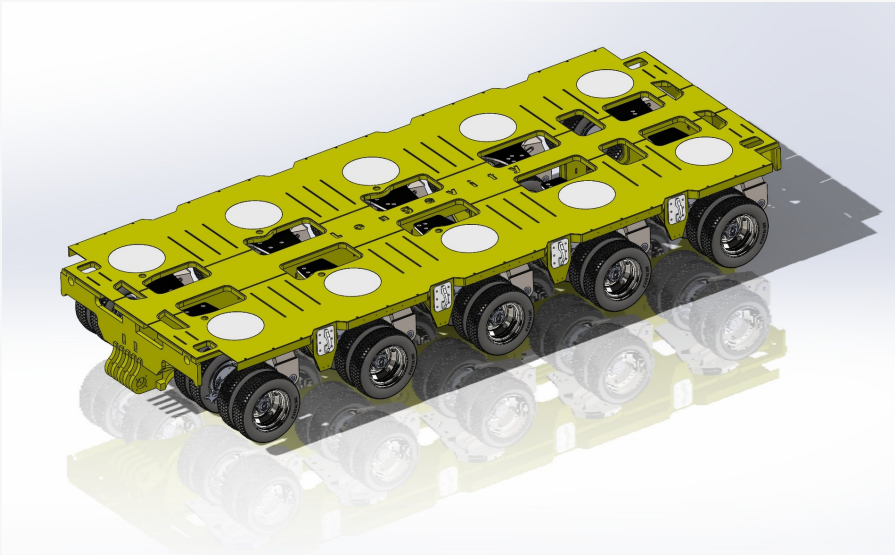
NOTE

Modules of different line counts can be mixed in one combination; the control system keeps all lines synchronised.

AXLE & DRIVE TECHNOLOGY

CASTROMAX SELF-PROPELLED

Pendulum axles · drive · control



TECHNOLOGY

Pendulum axle	Each axle line pivots on a slew-ring bearing and runs on four tyres – two per wheel end – so load is shared evenly and the line steers through a wide angle.
Axle stroke	A hydraulic cylinder per axle line gives lift and compensation; lines are grouped into support circuits that keep the platform stable.
Drive	Hydrostatic drive units in the axle lines, fed by the power pack – driven and non-driven lines can be mixed in one combination.
Steering	Every line is steered individually, giving straight, diagonal, crab and carousel programmes and rotation on the spot.
Deck	Load-spreading deck with recessed pockets and lashing points; coupling faces front, rear and on both sides.
Control	Radio remote control with a steering programme selector; brakes apply automatically when the system is de-energised.

SPECIFIED PER PROJECT

- Number of axle lines and driven lines
- Deck height and platform width
- Steering programmes and control set
- Axle load and total payload
- Power pack output and fuel capacity
- Tyre size, coupling and accessory package

TECHNICAL DATA

CASTROMAX SELF-PROPELLED

Vehicle data · steering programmes

VEHICLE DATA

Configuration	Self-propelled modular transporter, hydrostatic drive
Module sizes	3-axle and 5-axle modules · mixed within one combination
Coupling	Longitudinal (end to end) and transverse (side by side)
Axle lines	Pendulum axle lines on slew-ring bearings, individually steered
Wheels per axle line	4 tyres – two per wheel end
Tyre size	245/70 R17.5 (as modelled)
Suspension	Hydraulic cylinder per axle line, grouped into support circuits
Drive	Hydrostatic drive units in the axle lines; driven and non-driven lines mixed
Power supply	Diesel-hydraulic power pack unit
Control	Radio remote control · cable remote · emergency cable
Deck	Load-spreading deck with recessed pockets, lashing points and coupling faces
Accessories	Vessel bridge (drop-deck beam), gooseneck and turntable arrangements

STEERING PROGRAMMES

- Counter steering
 - Front-axle steering
 - Transverse left / right
 - T-combination
- Carousel steering
 - Rear-axle steering
 - Carousel transverse
 - Free combination
- Crab steering
 - Transverse steering 90°
 - Angle combination

CONFIRMED PER CONFIGURATION

Figures issued with the offer documentation

Axle load per line	t at 1 km/h	Axle compensation (stroke)	mm
Steering angle	°	Tractive force per driven line	kN
Dead weight per module	t	Module width	mm
Axle spacing	mm	Deck height, unladen	mm
Power pack output	kW	Max. combination payload	t



A N E N G I N E E R I N G B R A N D

CST-MX 3 · CST-MXHP 3 · CST-MXH 3 · CST-MXW E4 · CST-MXE 5

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