

BP100/5S Flat Platform Ballast Trailer



PLATING DATA

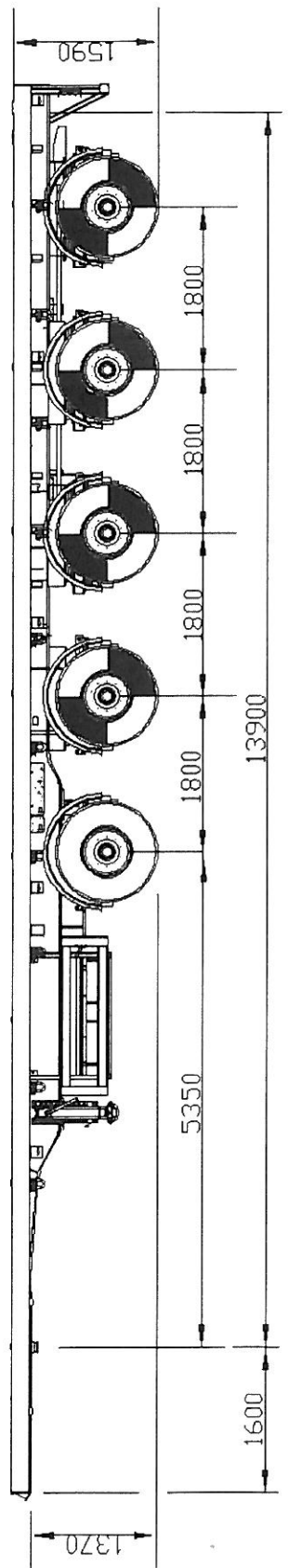
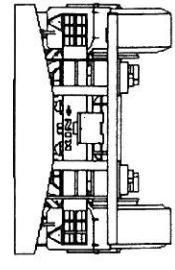
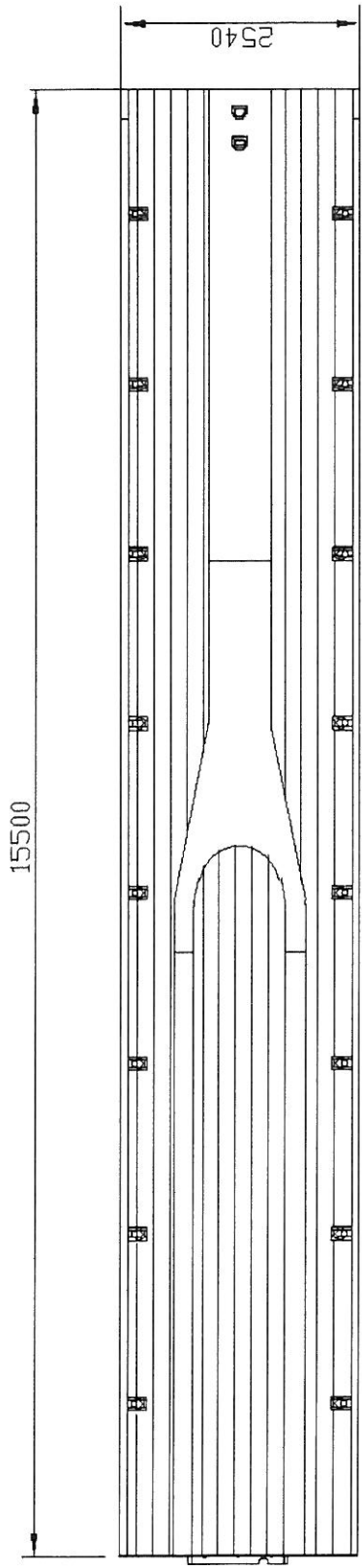
Gross Trailer Weight	Design	100,000 kgs
Gross Combination Weight	Under UK Ballast Regs	100,000 kgs
Max Axle Load	Design (at 20 kph/12mph)	15,000 kgs
Max Axle Load (AIR)	Design (at 40 kph/25mph)	13,200 kgs
Max Axle Load (AIR)	Design (at 65 kph/40mph)	12,590 kgs
Max Kingpin Imposed	Design	25,000 kgs
Overall Length		15,500 mm
Overall Width		2,550 mm
Kingpin Location		1,600 mm
Coupling Height to suit	Unladen	1,370 mm
Deck Height over Bogie Ctr	Unladen (+/- 100 mm)	1,600 mm

These units are highly manoeuvrable on site to assist in quickly locating and off loading ballast. These full height platforms allow fast loading of crane jibs and other associated equipment.

Optimum STGO load capacity

Chassis	Twin I beam main rails converging to single centre spine mainframe. 235mm deep ISO neck profile. 12mm thick pick-up plate with an angled leading edge, re-enforcing channels. Cross members at approx 600mm pitch. 200mm x 75mm x 23mm PFC channel side rails and steel section bolted side guards anti-under run bumper.
Landing Legs	2 speed push/pull gear change with captive handle and rocking feet for air suspension.
Axles & Suspension	SAE axles fitted with Gigant air suspension. The rearmost four axles are steered. The front axle is fitted with lift facility (auto lower)
Steering	The rearmost four axles are mounted on ball bearing turntables. Power is transmitted by movement of the steering wedge mounted behind the turntable-mounted kingpin to two hydraulic cylinders. These are connected via a four line hydraulic system to corresponding hydraulic cylinders, fitted at the rear of the trailer. Steering transfer to the axles is via steering levers and track rods. Power override facility with umbilical remote control.
Wheels & Tyres	445/65R x 22.5 super single tyres on pressed steel rims with 10 stud ISO spigot fixings.
Spray Suppression	Black thermoplastic mud wings and spray suppression flaps conforming to BSAU 200T mounted on bolted stays.
Brakes & Electrics	EC Compliant, 2 line braking with EBS, 'C' type couplings, 24V ISO standard system wired via two 7-pin sockets and 1-15 pin socket. EC approved lighting
Flooring	44mm Keruing hardwood screwed to main crossmembers and set 6mm above sideraves. Rope hooks on alternate crossmembers.
Finish	All steel parts are shotblasted (SA2.5) prior to fabrication. The structure is cleaned prior to the application of a high build primer followed by the application of a two pack, single colour polyurethane top coat (colour of customers choice).
Misc.	Standard extras include 1 pr wheel chocks, 10 prs lashing rings in deck, ladder to deck. All trailers provided with long vehicle markers, number plate holders etc., to comply with current EC directives. Spare wheel carrier as standard
Options	10 prs stakes and pockets. Heavy duty Toolboxes fitted to front of neck Radio remote steering control

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	<p>IF IN DOUBT ASK!</p>	<p>ALL DIMENSIONS IN mm</p>	<p>APPROVED BY: ML</p>
	<p>THIRD ANGLE PROJECTION</p>	<p>DESCRIPTION: GA BP93/S</p>	<p>APPROVED BY: ML</p>
	<p>SHEET 1 OF</p>	<p>RELEASE LEVEL</p>	<p>APPROVED BY: ML</p>
	<p>REVISION LEVEL</p>	<p>REVISION LEVEL</p>	<p>APPROVED BY: ML</p>
	<p>REVISION LEVEL</p>	<p>REVISION LEVEL</p>	<p>APPROVED BY: ML</p>



BP115/6S Flat Platform Ballast Trailer



PLATING DATA

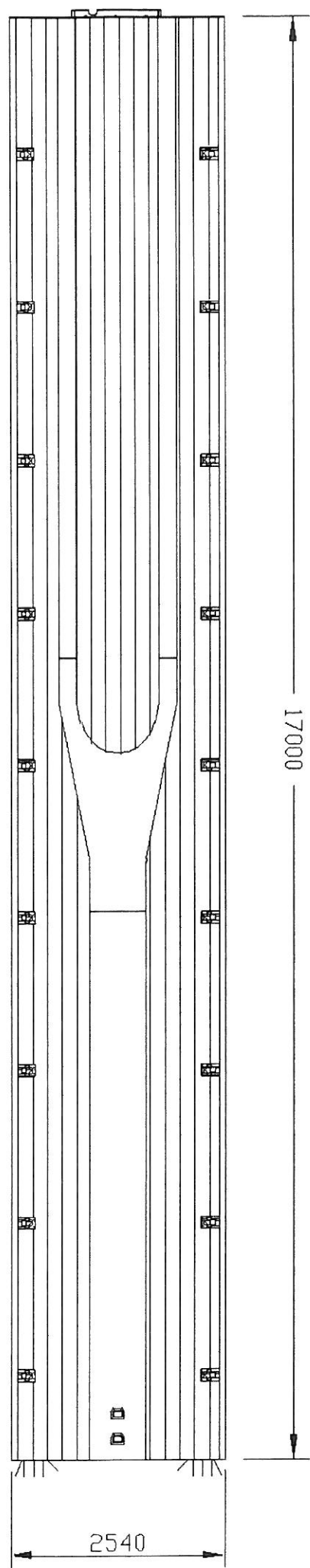
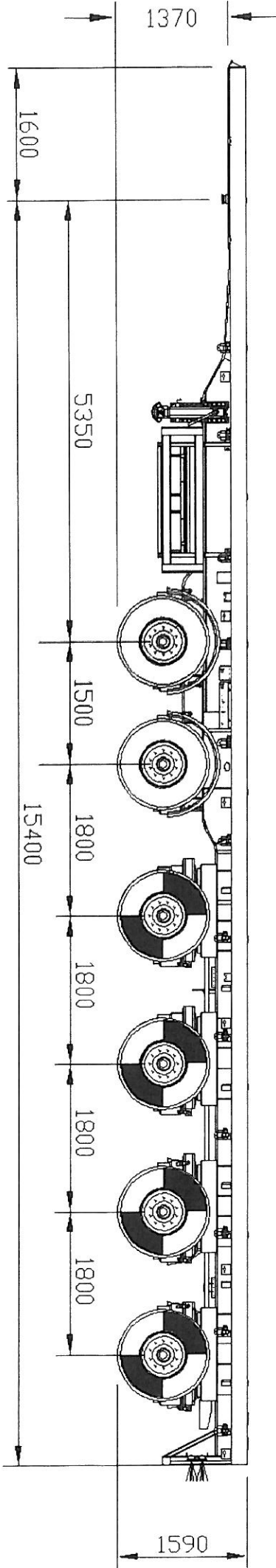
Gross Trailer Weight	Design	108,000 kgs
Gross Combination Weight	UnderUK Ballast Regs	100,000 kgs
Max Axle Load	Design (at 20 kph/12mph)	15,000 kgs
Max Axle Load (AIR)	Design (at 40 kph/25mph)	13,200 kgs
Max Axle Load (AIR)	Design (at 65 kph/40mph)	12,590 kgs
Max Kingpin Imposed	Design	25,000 kgs
Overall Length		17,000 mm
Overall Width		2,550 mm
Kingpin Location		1,600 mm
Coupling Height to suit	Unladen	1,370 mm
Deck Height over Bogie Ctr	Unladen (+/- 100 mm)	1,600 mm

These units are highly manoeuvrable on site to assist in quickly locating and off loading ballast. These full height platforms allow fast loading of crane jibs and other associated equipment.

6 axles give the optimum capacity within Crane Ballast Trailer permit and greater loading tolerance along trailer deck

Optimum STGO load capacity

Chassis	Twin I beam main rails converging to single centre spine mainframe. 235mm deep ISO neck profile. 12mm thick pick-up plate with an angled leading edge, re-enforcing channels. Cross members at approx 600mm pitch. 200mm x 75mm x 23mm PFC channel side rails and steel section bolted side guards anti-under run bumper.
Landing Legs	2 speed push/pull gear change with captive handle and rocking feet for air suspension.
Axles & Suspension	SAE axles fitted with Gigant air suspension. The rear most four axles are steered. The front two axles are fitted with lift facility (auto lower)
Steering	The rearmost four axles are mounted on ball bearing turntables. Power is transmitted by movement of the steering wedge mounted behind the turntable-mounted kingpin to two hydraulic cylinders. These are connected via a four line hydraulic system to corresponding hydraulic cylinders, fitted at the rear of the trailer. Steering transfer to the axles is via steering levers and track rods. Power override facility with remote umbilical control.
Wheels & Tyres	445/65R x 22.5 super single tyres on pressed steel rims with 10 stud ISO spigot fixings.
Spray Suppression	Black thermoplastic mud wings and spray suppression flaps conforming to BSAU 200T mounted on bolted stays.
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Options	10 prs stakes and pockets. Heavy duty Toolboxes fitted to front of neck Radio remote steering control



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IF IN DOUBT ASK!

ALL DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.
 UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS.
 DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED.

NO.	DATE	BY	APP'D	DESCRIPTION	SCALE	DATE	BY	APP'D
A	-	-	-	MARKET HARBOUROUGH, LEICESTERSHIRE, ENGLAND	1:100	01/04/16	ONE	ONE
B	-	-	-	MARKET HARBOUROUGH, LEICESTERSHIRE, ENGLAND	1:100	01/04/16	ONE	ONE
C	-	-	-	MARKET HARBOUROUGH, LEICESTERSHIRE, ENGLAND	1:100	01/04/16	ONE	ONE
D	-	-	-	MARKET HARBOUROUGH, LEICESTERSHIRE, ENGLAND	1:100	01/04/16	ONE	ONE
E	-	-	-	MARKET HARBOUROUGH, LEICESTERSHIRE, ENGLAND	1:100	01/04/16	ONE	ONE
F	-	-	-	MARKET HARBOUROUGH, LEICESTERSHIRE, ENGLAND	1:100	01/04/16	ONE	ONE

PROJECT: MARKET HARBOUROUGH, LEICESTERSHIRE, ENGLAND
 DRAWN BY: ONE
 CHECKED BY: ONE
 DATE: 01/04/16
 SHEET: OF 1