

Cranes

Crane Model	SB450
Max Lift Capacity	45 Tonne
Max Outreach	3910 mm (from centre-line)
Side of Lift	Right hand lift (Left hand lift optional)
Stabilisers	Tilt & Extend (Foot size: 730x220)
Lifting Chains	16 mm Grade 120 RUD ICE
Chain Shorteners	Optional (not supplied)
Container Detection	Container proximity sensor and lights
Work Lamps	Fitted to each stabiliser leg
Hydraulics	Danfoss PVG32 proportional valve
Crane Paint	Silver Grey (RAL 7001)

Interface

Container Position	Ramshift 20',2x20',40'
Control System	Analogue
Remote Control	Cable remote
Control Cabinet	Steel, lockable
Toolbox	Steel, lockable 915 mm (Grey)
Container Joiners	To lift 2x20' ISO containers simultaneously

Power Supply

Source	Kubota V2403 Diesel
Spec	36.5 kW (49HP) at 2700rpm
Voltage	12V
Emissions	Tier4/Stage IIIA emissions
Pump	Tandem Pump
Mounting	Mounted between chassis rails
Tank	Tank Oil/Diesel mounted to side of lift

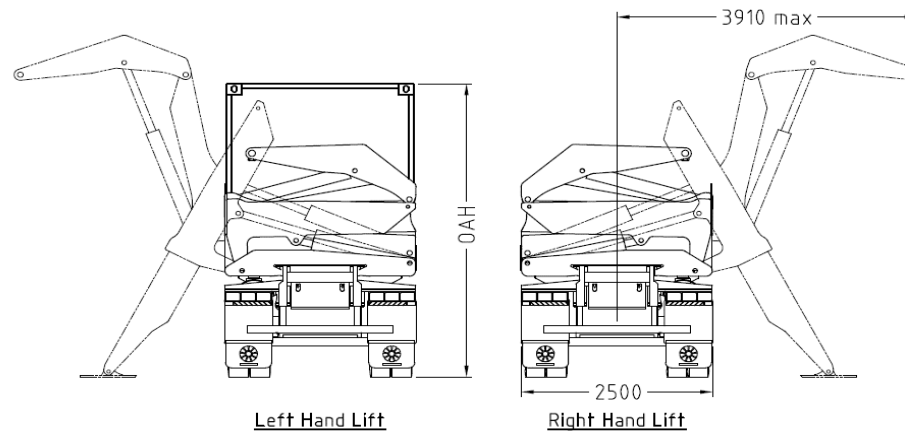
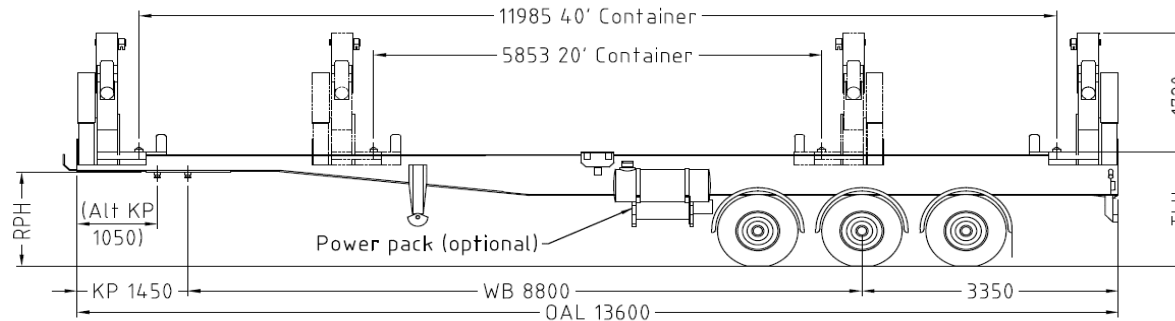
Chassis

Chassis Model	Heavy Duty Rigid Chassis (40')
Rubplate Height (RPH)	1350 mm (1225 mm optional)
Overall Height (OAH)	4229 mm (ISO 8'6" container)
Kingpin	Standard 2" (Bolted, dual position)
Landing Legs	FUWA dual speed, wind up legs
Landing Leg Handle	Right hand side
Suspension	FUWA mechanical suspension
Axles	22.5 10/335 Drum brake
Axle 1	Rigid
Axle 2	Rigid
Axle 3	Rigid
Wheels	Steel 8.25x22.5 Dual
Tyres	11R 22.5
Brake System	Air operated service brakes
Brake Coupling	Glad-Hands
Lighting	Multi-volt LED
Electrical Coupling	Socket 7-pin socket (ISO1185)
Mudguards	Plastic, Black
Mud Flaps	2x singles
Spare Wheel Carrier	Fitted
Paint	Traffic Blue (RAL 5017)
Shipping configuration	Cut Chassis



Sales Drawing	SB450RS2040-G002-I
Tare Weight	12500 kg ± 3% (Subject to final specification)


STEELBRO SB450RS 45 Tonne Sidelifter



Notes:
RPH = Rubplate Height
TLH = Twistlock Height
WB = Wheelbase
OAL = Overall Length
OAH = Overall Height

Opt	RPH	Suspension	Ride Height	Axles	Wheels	Tyres	TLH	OAH ISO 8'6"	OAH ISO 9'6"
A	1350	Mechanical O/S	510	22.5" 10/335	8.25x22.5 Dual	11R22.5	1638	4229	4534
B	1225	Mechanical U/S	380	22.5" 10/335	8.25x22.5 Dual	11R22.5	1513	4104	4409

Sales Drawing: All dimensions are subject to confirmation at manufacture

Title SB450 RS2040 Sidelifter 45 Tonne		Part SB450RS2040-G002	Rev I
Notes DW, Tri-axle, optional kingpin position		Filename	
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		Mass kg	A4