

SX/SXR SERIES SITE DUMPERS



# 70 years of HORSE POWER

In 1933 the merger of Aveling and Porter with Barford and Perkins, the UK's leading manufacturers of steam powered road rollers, gave birth to a powerful force in precision engineering – Aveling-Barford. Diversification to meet the needs of the fast growing market for motor powered construction equipment, lead to Aveling-Barford introducing the UK to it's first site dumper in 1936. Still recognised today by its signature work horse symbol, Barford produces a comprehensive range of site dumpers from its 65 acre facility in Grantham, Lincolnshire.

As part of the family owned and run, Wordsworth Holdings Group, Barford benefits from a long tradition of designing and manufacturing supremely engineered products. And in keeping with the spirit of its pioneering roots, innovation lies at the heart of Barford's ethos.

Correctly reading the market and anticipating its customers needs has enabled Barford to stay one step ahead, through the timely development and launching of ground breaking new product lines. Barford's range of market leading site dumpers, an unrivalled national and international dealer network and an unparalleled after sales service, have ensured that it continually sets industry standards.



## setting the STANDARD

Time served earth movers, the Barford SX Series of Forward Tipping dumpers are built to withstand the rigour of the construction site. Manufactured using industry proven components, the SX Series offers some of the strongest and most robust dumpers on the market today. Powerful engines coupled with no-compromise 4-wheel drive systems throughout the range, ensure that Barford dumpers keep moving, even in the most demanding conditions.

Laser cut components and robot welded frames enable precision assembly for the sturdy articulated chassis. Couple this with an all steel body and a skip produced from steel plate proven to be thicker than the industry standard, and the result is a range of dumpers built without compromise. So it's no surprise that Barford's customers have come to demand and expect vigorous standards of quality and reliability. Barford strives to provide the lowest cost of ownership on the market, from fast parts turnaround, the added security of an excellent dealer network and an impressive length of service.



All Barford Dumpers come fitted with a fully certified ROPS safety frame and beacon as standard Thoughtful features such as this all in one secure battery housing and step are inherent in Barford design

## tipping the BALANCE

Barford's SXR Rotary Tipping Series of dumpers are built to the same exacting standards as their Forward Tipping stable mates, but benefit from the additional versatility of a skip that can be rotated through 180 degrees for easier loading and unloading. Whatever the job, Barford has an SXR Rotary dumper to suit. The comprehensive range spans from a 3 tonne model through to the massive 9 tonne turbo charged intercooled machines.

SXR provides your work force with a necessary tool for safe efficient work. The rotary skip cuts down time taken in trench work; if you can't get the dumper into the right position to tip, you can simply rotate the skip. A directional skip minimises the difficulty of working in confined spaces by cutting out the need to direct the dumper. Ease of use is further enhanced through the inclusion of powershuttle as standard in both the SXR and SX Series from the 5 tonne up to the mighty 10 tonne, and there is an optional hydrostatic drive available on the 3.5 tonne machine.



Heavy duty articulation joints are designed and engineered to stand the test of time Protected driving lamps for road use are among a range of optional extras that are available to order



## professional SERVICES

#### **Barford Pro-Parts Service**

On site, time comes at a premium, so a dumper out of action is an overhead as well as an inconvenience. Barford understands that a great product must be complemented by an equally great back up service. The Pro-Parts service was created with this in mind. Barford dealers hold a parts inventory and Barford Pro-Parts headquarters provide a same day response to the dealers needs, keeping downtime to a minimum.

#### **Barford Pro-Tech Security Systems**

Theft of precious plant and machinery is becoming more and more commonplace in today's construction site environment. The Barford Pro-Tech security system is designed to reduce the risk of dumper theft and keep insurance premiums affordable. Thatcham category 2 approval means that Pro-Tech immobilises your dumper by the simple turn of a coded key and protects it from the opportunist thief.







Barford understands its customers needs for professional support and after sales services. Rapid service and parts turnround when required and optional extras that give you the opportunity to maximise your businesses potential are all part of the Barford experience



Conveyor belt shot blasting of components, primer and polyurethane oven bake paint system gives Barford dumpers a paint finish with life long durability and resilience to the elements

## **ENGINEERED** to last

From design, throughout production and into aftersales, quality is a watch word with Barford. Engineered to generate optimum rewards for the user, tough quality standards ensure that when you purchase a Barford dumper, you purchase a long tradition of value. With construction sites being hazardous places to work, Barford have strived to ensure maximum piece of mind for the operator. All dumpers come fitted with a fully certified Roll Over Protection System (ROPS).

Throughout the Barford range, design, specification and manufacturing all meet with strict European standards. An international dealer network with staff well acquainted with Barford's products, is there to help and support you throughout the life of your dumpers. Indeed, Barford knows that quality is as important when caring for a customer as when manufacturing their machine. And with a full manufacturer's warranty Barford are there to support and partner you along the way.

### Forward Tipping Skips & Rotary Tipping Skips Specifications

MODEL	SX2000	SX3000	SXR3000	SX3000H	SXR3500H	SX5000	SXR5000	SX6000	SXR6000	SX7000	SXR7000	SX8000	SXR8000	SX9000
Capacities Dimensions and Weights														
Payload — tonnes Water capacity — ltr Struck capacity — ltr Heaped capacity — ltr	2 665 900 1150	3 969 1270 1754	3 1052 1276 1760	3 969 1270 1754	3.5 1052 1276 1760	5 1710 2097 2914	5 1456 1802 2665	6 1916 2338 3339	6 1687 2052 3133	7 2052 2752 3793	7 1920 2502 3457	8 2052 2942 3776	8 2298 2970 4053	9 2052 3287 4320
Overall length – mm Overall width – mm Overall height - ROPS up – mm Overall height - ROPS down – mm Prow height – mm Width over tyres – mm Wheel base – mm Ground clearance – mm Side loading height – mm Outer turning circle – m	3536 1790 2940 1930 1280 1790 1870 260 1350 9.3	3537 2050 2970 1970 1310 1865 1870 290 1410 9.4	3860 1865 2970 1970 1540 1865 1870 290 1595 9.4	3537 2050 2970 1970 1310 1865 1870 290 1410 9.4	3860 1865 2970 1970 1540 1865 1870 290 1592 9.4	4252 2163 3070 1190 1604 2090 2400 320 1730 12.2	4510 2130 3070 1190 1710 2090 2400 320 1800 12.4	4252 2375 3130 2100 1675 2230 2400 320 1770 12.6	4442 2375 3130 2100 1675 2230 2400 320 1913 12.5	4120 2495 3160 2130 1685 2280 2400 320 1850 12.6	4579 2321 3160 2130 1880 2280 2400 320 2000 12.5	4267 2495 3158 2140 1656 2310 2400 430 1857 12.4	4579 2495 3158 2140 1980 2310 2400 430 2100 12.4	4250 2495 3170 2140 1685 2310 2400 430 1960 12.4
Unladen weight – kg	2062	2262	2422	2262	2422	4200	4245	4310	4710	4330	4800	4388	4893	4473
Technical Specification														
Engine type	Kubota V2203-M 34.3kW @ 2800rpm 2197cc	Kubota V2203-M 34.3kW @ 2800rpm 2197cc	Kubota V2203-M 34.3kW @ 2800rpm 2197cc	Kubota V2203-M 34.3kW @ 2800rpm 2197cc	Kubota V2203-M 34.3kW @ 2800rpm 2197cc	Iveco N45MSSX00 74kW @ 2300rpm 4485cc								
Transmission	Heavy duty constant mesh gearbox  3 forward and 1 reverse gear. Dia 229mm heavy duty, single dry plate clutch. Gear reduction transfer box  Lindi hydrostatic with 2 speed motor and automatic throttle				Powershuttle transmission, 4 speeds forward and reverse with torque converter.  Heavy duty drive train									
Axles and brakes	Heavy duty double reduction axles with fully floating half shafts. Totally enclosed oil immersed disc brakes – front only				Heavy duty double reduction axles with totally enlosed oil immersed disc brakes.  Transmission parking brake front only									
Wheels and tyres	10.0/75-15.3 8 ply rating	11.5/75-15.3 10 ply rating	11.5/75-15.3 10 ply rating	11.5/75-15.3 10 ply rating	11.5/75-15.3 10 ply rating	12.5/80-18 16 ply rating	12.5/80-18 16 ply rating	405/70-20 14 ply rating	405/70-20 14 ply rating	405/70-20 14 ply rating	405/70-20 14 ply rating	18.0-19.5 16 ply rating	18.0-19.5 16 ply rating	18.0-19.5 16 ply rating
Tank capacities	Fuel 68 ltr / Hydraulic oil 40 ltr				Fuel 68 ltr / Hydraulic oil 40 ltr									
Road Speed — mph/kph 1st gear 2nd gear 3rd gear 4th gear Reverse gear	2.4 3.8 5.5 8.7 10.0 16.0 2.5 4.2	2.5 4.0 5.88 9.5 11.0 17.6 2.94 4.7	2.5 4.0 5.88 9.5 11.0 17.6 2.94 4.7	2.5 4.0 5.88 9.5 11.0 17.6 17.6 28.1 2.94 4.7	2.5 4.0 5.88 9.5 11.0 17.6 17.6 28.1 2.94 4.7	3.1 5.0 5.2 8.3 9.5 15.2 17.9 28.7	3.1 5.0 5.2 8.3 9.5 15.2 17.9 28.7	3.2 5.2 5.3 8.4 9.9 15.8 16.7 26.8	3.2 5.2 5.3 8.4 9.9 15.8 16.7 26.8	3.0 4.8 4.9 7.8 9.2 14.7 16.7 26.8	3.0 4.8 4.9 7.8 9.2 14.7 16.7 26.8	3.0 4.8 4.9 7.8 9.2 14.7 16.7 26.8	3.0 4.8 4.9 7.8 9.2 14.	3.0 4.8 4.9 7.8 9.2 14.7

#### DEALER STAMP

Barford's policy is one of continuous improvement and the right to change prices, specifications or equipment at any time without prior notice is reserved.

All data given in this brochure is subject to production variations. For exact information about any particular model and for equipment details, please contact your Barford dealer.



www.barforddumpers.co.uk

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