



**SX/SXR SERIES SITE DUMPERS**

  
**BARFORD**

# SX/SXR

## 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, led to Aveling-Barford introducing the UK to its 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.





# SX



# 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



# SXR



# 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.

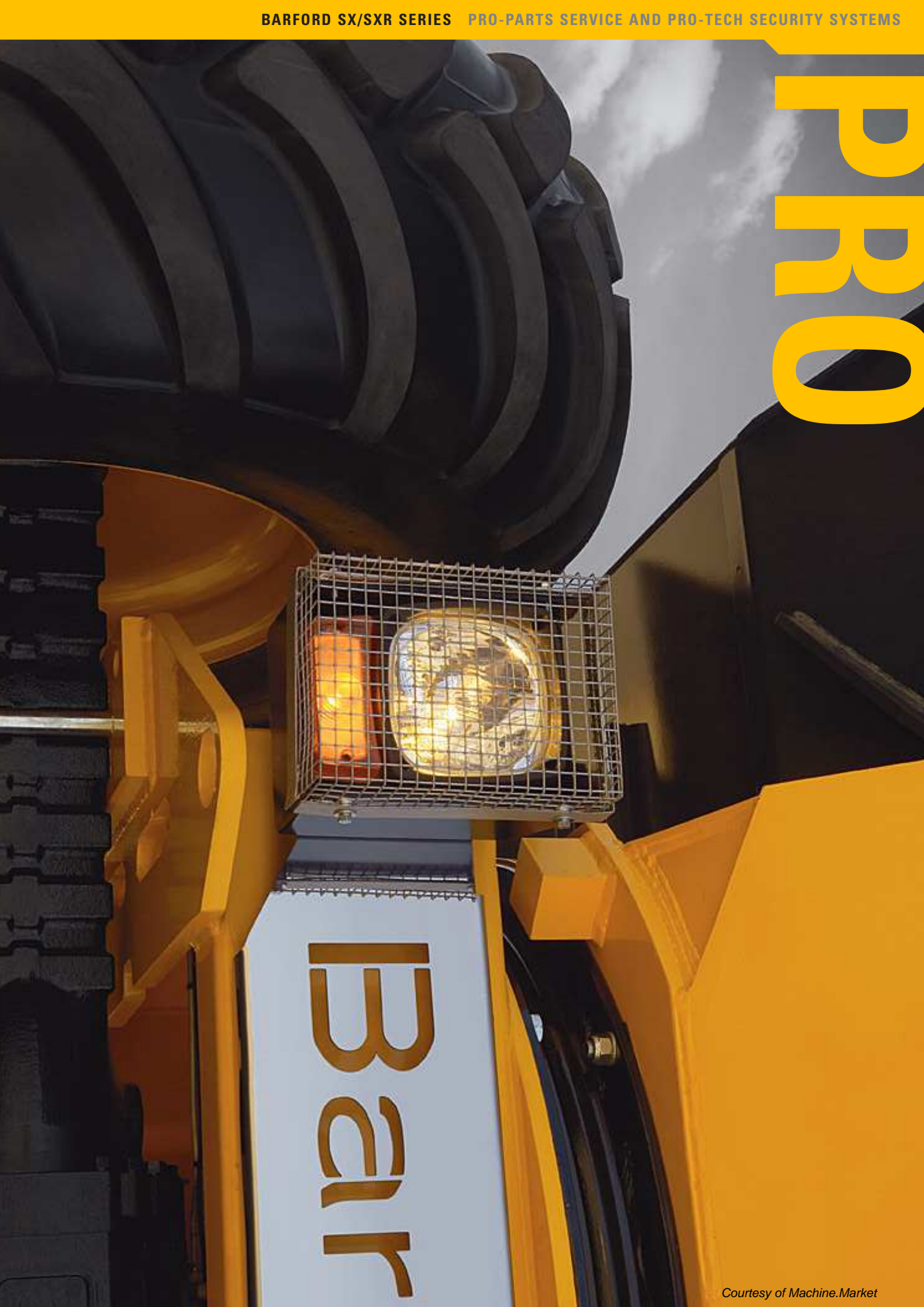


Heavy duty articulation joints are designed and engineered to stand the test of time

Protected driving lamps for road use are among a range of optional extras that are available to order



# PRO



Barford



# 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**  
**PRO-PARTS**

 **BARFORD**  
**PRO-TECH**

Barford understands its customers needs for professional support and after sales services. Rapid service and parts turnaround when required and optional

extras that give you the opportunity to maximise your businesses potential are all part of the Barford experience

# 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.



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



## Forward Tipping Skips & Rotary Tipping Skips Specifications

MODEL	SX2000	SX3000	SXR3000	SX3000H	SXR3500H	SX5000	SXR5000	SX6000	SXR6000	SX7000	SXR7000	SX8000	SXR8000	SX9000
<b>Capacities Dimensions and Weights</b>														
Payload – tonnes	2	3	3	3	3.5	5	5	6	6	7	7	8	8	9
Water capacity – ltr	665	969	1052	969	1052	1710	1456	1916	1687	2052	1920	2052	2298	2052
Struck capacity – ltr	900	1270	1276	1270	1276	2097	1802	2338	2052	2752	2502	2942	2970	3287
Heaped capacity – ltr	1150	1754	1760	1754	1760	2914	2665	3339	3133	3793	3457	3776	4053	4320
Overall length – mm	3536	3537	3860	3537	3860	4252	4510	4252	4442	4120	4579	4267	4579	4250
Overall width – mm	1790	2050	1865	2050	1865	2163	2130	2375	2375	2495	2321	2495	2495	2495
Overall height - ROPS up – mm	2940	2970	2970	2970	2970	3070	3070	3130	3130	3160	3160	3158	3158	3170
Overall height - ROPS down – mm	1930	1970	1970	1970	1970	1190	1190	2100	2100	2130	2130	2140	2140	2140
Prow height – mm	1280	1310	1540	1310	1540	1604	1710	1675	1675	1685	1880	1656	1980	1685
Width over tyres – mm	1790	1865	1865	1865	1865	2090	2090	2230	2230	2280	2280	2310	2310	2310
Wheel base – mm	1870	1870	1870	1870	1870	2400	2400	2400	2400	2400	2400	2400	2400	2400
Ground clearance – mm	260	290	290	290	290	320	320	320	320	320	320	430	430	430
Side loading height – mm	1350	1410	1595	1410	1592	1730	1800	1770	1913	1850	2000	1857	2100	1960
Outer turning circle – m	9.3	9.4	9.4	9.4	9.4	12.2	12.4	12.6	12.5	12.6	12.5	12.4	12.4	12.4
Unladen weight – kg	2062	2262	2422	2262	2422	4200	4245	4310	4710	4330	4800	4388	4893	4473
<b>Technical Specification</b>														
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	Iveco N45MSSX00 74kW @ 2300rpm 4485cc	Iveco N45MSSX00 74kW @ 2300rpm 4485cc	Iveco N45MSSX00 74kW @ 2300rpm 4485cc	Iveco N45MSSX00 74kW @ 2300rpm 4485cc	Iveco N45MSSX00 74kW @ 2300rpm 4485cc	Iveco N45MSSX00 74kW @ 2300rpm 4485cc	Iveco N45MSSX00 74kW @ 2300rpm 4485cc	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 enclosed 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	2.4 3.8	2.5 4.0	2.5 4.0	2.5 4.0	2.5 4.0	3.1 5.0	3.1 5.0	3.2 5.2	3.2 5.2	3.0 4.8	3.0 4.8	3.0 4.8	3.0 4.8	3.0 4.8
2nd gear	5.5 8.7	5.88 9.5	5.88 9.5	5.88 9.5	5.88 9.5	5.2 8.3	5.2 8.3	5.3 8.4	5.3 8.4	4.9 7.8	4.9 7.8	4.9 7.8	4.9 7.8	4.9 7.8
3rd gear	10.0 16.0	11.0 17.6	11.0 17.6	11.0 17.6	11.0 17.6	9.5 15.2	9.5 15.2	9.9 15.8	9.9 15.8	9.2 14.7	9.2 14.7	9.2 14.7	9.2 14.	9.2 14.7
4th gear				17.6 28.1	17.6 28.1	17.9 28.7	17.9 28.7	16.7 26.8	16.7 26.8	16.7 26.8	16.7 26.8	16.7 26.8	16.7 26.8	
Reverse gear	2.5 4.2	2.94 4.7	2.94 4.7	2.94 4.7	2.94 4.7									

[www.barforddumpers.co.uk](http://www.barforddumpers.co.uk)

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.



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