ALE PILING

DATA SHEET

SP60/300 SLR SIDE GRIP PILING RIG

Capability

- Install or extract sheet piles, H-beams, small diameter tubular piles, timber piles, lite piles, trench sheets up to 16m long.*[1]
- Handle, pitch and drive, with computer-controlled accuracy, any of the above.
- Work from floating pontoons, barges or above water with ease.

Productivity

- No rigging or de-rigging of equipment required.
- Work in and access areas conventional piling equipment cannot.
- No expensive piling gates or guide required.
- Install and extract piles in as little as 4m of headroom.*[2]

Safety

- No manual handling, slinging or manual pile pitching required.
- No working at height.
- Rear vision from colour camera.
- No leader mast or crane booms to topple over.
- Install piles up to 15m away from base machine without man access.

Standard Equipment

Bio oil, Rear view camera, Extra work lights, Flashing lights, Spill kit

Optional Equipment

Height limiter, Auger, Tiltrotator

Ale Piling, Unit 8, The Wharf, Wharf Road, Tyseley, Birmingham, B11 2DA

T – 0845 0509720
F – 0845 0509721
e – info@ale-piling.com
www.ale-piling.com

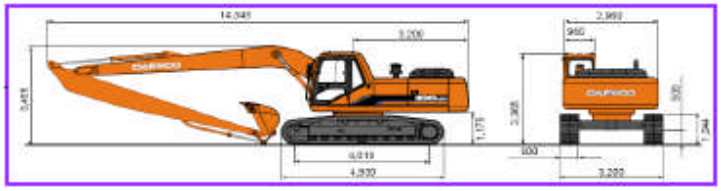
ALE PILING

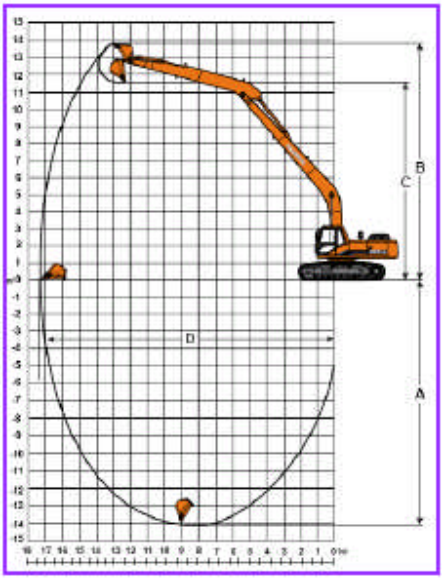
DATA SHEET

SP60/300 SLR SIDE GRIP PILING RIG

Base Machine Specification

MACHINE TYPE -300Lcv SLR crawler excavator, hybrid modified to operate with side grip piling hammer.
ENGINE-six cylinder turbocharged 8071 cc: diesel engine producing 197 hp, meeting European stage II rating
HYDRAULIC SYSTEM-twin axial piston pumps, producing 246 ltpm each, operates on synthetic biodegradable BD46 hydraulic oil. **ELECTRICAL SYSTEM-**24 V





Base Machine Dimensions*[3]

Dimensions taken from diagram above.

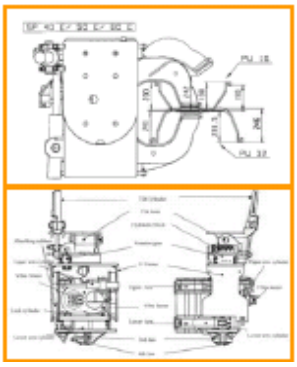
A	Overall width of upper structure	2960 mm
B	Overall width of cab	960 mm
C	Overall height of cab	3065 mm
D	Tail swing radius	3200 mm
E	Overall height of boom	33465 mm
F	Clearance under counterweight	1175 mm
G	Ground clearance	500 mm
H	Tumbler distance	4010 mm
I	Track length	4930 mm
J	Track gauge	2600 mm
K	Track shoe width	800 mm
L	Overall length	14345 mm
M	Overall track width	3400 mm

Overall weight of machine, 30,700 kg. Ground pressure 0, 59 kgf/cm^2

Base Machine Working Ranges*[4]

Dimensions taken from diagram above.

A	Maximum reach depth	13840mm
B	Maximum reach height	14100 mm
C	Maximum pile height	11790 mm
D	Maximum reach radius	17440 mm



Hammer Attachment Specification

Model type	SP60	
Weight	1830 kg	
Height	2070 mm	
Width	1002 mm	
Depth	1148 mm	
Headroom	1810 mm	
Articulation	360°	
Tilt angle	45°	L/R
Oil flow at 270 bar	180	Ltpm
RPM	3000	@270 bar
Vibraforce	600	KN
Piling Action	Vibratory	

Notes-

Al e Piling's equipment may be interchangeable and accept alternative equipment, if required.
*1 pile length and section suitability is subject to ground conditions and environmental considerations.
*2 minimum working height is subject to certain requirements, please ask for details.
*3 & *4 are excavators manufactures guidance figures, if your requirements are similar to these figures, please ask for confirmation.
Ale Piling accept no liability for the accuracy of these figures. As the company has a policy of continual improvement these figures can be changed without notice.

Ale Piling, Unit 8, The Wharf, Wharf Road, Tyseley, Birmingham, B11 2DA

T – 0845 0509720
F – 0845 0509721
e – info@ale-piling.com
www.ale-piling.com