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**PILING RIGS
AND EQUIPMENT**

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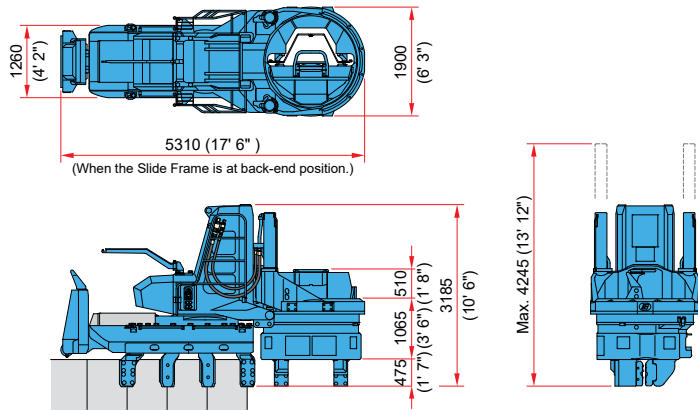
**Giken
SCZ675WMG
Specification**

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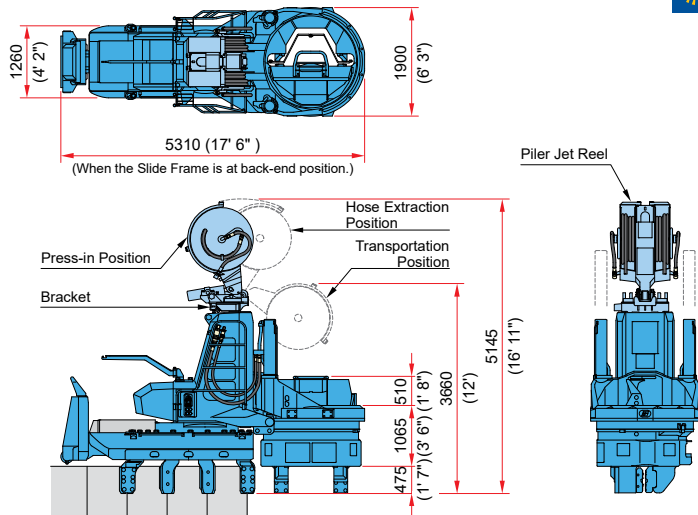
Super Crush SCZ-675WMG

Standard Press-in Mode

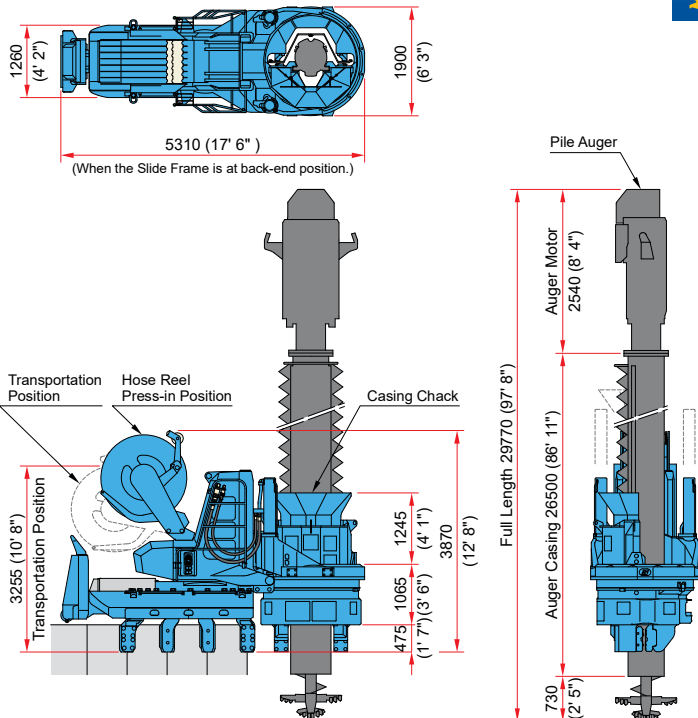
SCZ SUPER CRUSH 675 WMG



Water Jetting Mode



Super Crush Mode



SCZ-675WMG	Metric Unit	US Standard
Applicable Piles *1	560 - 708 mm	22.05 - 27.87 in
Max. Press-in Force	1 300 kN (133 tf)	
For First Sheet Pile	1 300 kN (133 tf)	146.1 tonf (US)
For Second Sheet Pile	400 kN (41 tf)	45.0 tonf (US)
At Corner Work	700 kN (72 tf)	78.7 tonf (US)
Max. Extraction Force		
For First Sheet Pile	1 400 kN (143 tf)	157.4 tonf (US)
For Second Sheet Pile	500 kN (51 tf)	56.2 tonf (US)
At Corner Work	800 kN (82 tf)	89.9 tonf (US)
Stroke	1 200 mm	47.24 in
Single Press-in Speed	2.1 - 23.2 m/min	6.9 - 76.1 ft/min
Single Extraction Speed	1.7 - 18.9 m/min	5.6 - 62.0 ft/min
Power Unit Type	EU300C2 Crawler Unit	

*1 Refer to the list of "Applicable Sheet Piles".

Piler Jet Reel		Metric Unit	US Standard
Mass	Piler Jet Reel	1 350 kg	3 000 lb
	Bracket	280 kg	620 lb

Hose Reel		Metric Unit	US Standard
Hose Length		30 m (Max. 40 m)	98.4 ft (Max. 131 ft)
Hose Reel Rewind		Max. 5.5 kN	Max. 0.6 tonf (US)
Mass		2 750 kg	6 100 lb

Pile Auger		Metric Unit	US Standard
Applicable Pile Length		Max. 21 m	Max. 69 ft
Max. Auger Torque		100 kN·m	73 800 ft-lb
Max. Rotation Speed		22 min ⁻¹	22 rpm
Mass		18 400 kg	40 600 lb

Total Machine Mass		Metric Unit	US Standard
Standard Press-in Mode		22 350 kg	49 300 lb
Water Jetting Mode		23 980 kg	52 900 lb
Super Crush Mode*2		27 400 kg	60 500 lb

*2 Excluding Pile Auger.

Specifications are subject to alteration without prior notice.

Applicable Sheet Piles for SCZ675WM /SCZ675WM-G Modified Machine

Abbreviations

ST	Standard Mode	⊙	Applicable
WJ	Water Jetting Mode	○	Applicable with some limitation
SC	Super Crush Mode		

Z Sheet Pile	Section Width (mm)	SCZ675WM		SCZ675WM-G		
		ST/WJ	SC	ST/WJ	SC	
ArcelorMittal						
AZ46	580	⊙	⊙	⊙	⊙	
AZ48		⊙	⊙	⊙	⊙	
AZ50		⊙	⊙	⊙	⊙	
AZ17	630	⊙	⊙	⊙	⊙	
AZ18		⊙	⊙	⊙	⊙	
AZ18 10/10		⊙	⊙	⊙	⊙	
AZ19		⊙	⊙	⊙	⊙	
AZ25		⊙	⊙	⊙	⊙	
AZ26		⊙	⊙	⊙	⊙	
AZ28	670	⊙	⊙	⊙	⊙	
AZ12		⊙	—	⊙	—	
AZ13		⊙	—	⊙	—	
AZ13 10/10		⊙	—	⊙	—	
AZ14	700	⊙	—	⊙	—	
AZ12-700R		—	—	⊙	—	
AZ13-700R		—	—	⊙	—	
AZ13-700R-10/10		—	—	⊙	—	
AZ14-700R		—	—	⊙	—	
AZ17-700		—	—	⊙	⊙	
AZ18-700		—	—	⊙	⊙	
AZ19-700		—	—	⊙	⊙	
AZ20-700		—	—	⊙	⊙	
AZ24-700		—	—	⊙	⊙	
AZ26-700		—	—	⊙	⊙	
AZ28-700		—	—	⊙	⊙	
AZ36-700N		—	—	⊙	⊙	
AZ38-700N		—	—	⊙	⊙	
AZ40-700N	—	—	⊙	⊙		
Hoesch						
H 1205	575	⊙	—	⊙	—	
H 1205K		⊙	—	⊙	—	
H 1255		⊙	—	⊙	—	
H 1605		⊙	⊙	⊙	⊙	
H 1705		⊙	⊙	⊙	⊙	
H 1705K		⊙	⊙	⊙	⊙	
H 1755		⊙	⊙	⊙	⊙	
H 1805		⊙	⊙	⊙	⊙	
H 2305		⊙	⊙	⊙	⊙	
H 2405		⊙	⊙	⊙	⊙	
H 2505		⊙	⊙	⊙	⊙	
H 2555K		⊙	⊙	⊙	⊙	
H 2555		⊙	⊙	⊙	⊙	
H 2605		⊙	⊙	⊙	⊙	
H 1807		700	—	—	⊙	⊙
H 2607			—	—	⊙	⊙
Gerdau Ameristeel						
PZ22	560	—	—	⊙	—	
PZC18	635	⊙	⊙	⊙	⊙	
PZC19		⊙	⊙	⊙	⊙	
PZC13	708	—	—	⊙	—	
PZC14		—	—	⊙	—	
PZC25		—	—	⊙	⊙	
PZC26		—	—	⊙	⊙	
PZC28		—	—	⊙	⊙	

U Sheet Pile	Section Width (mm)	SCZ675WM		SCZ675WM-G	
		ST/WJ	SC	ST/WJ	SC
ArcelorMittal					
PU12	600	—	—	⊙	—
PU12 10/10		—	—	⊙	—
PU18-1.0		—	—	⊙	—
PU18		—	—	⊙	—
PU22-1.0		—	—	⊙	—
PU22		—	—	⊙	—
PU28-1.0		—	—	⊙	—
PU28		—	—	⊙	—
PU32		—	—	⊙	—
PU13R		675	—	—	—
PU14R	—		—	—	—
PU15R	—		—	—	—
AU14	750	—	—	—	—
AU16		—	—	—	—
AU17		—	—	—	—
AU18		—	—	—	—
AU20		—	—	—	—
AU21		—	—	—	—
AU23		—	—	—	—
AU25		—	—	—	—
AU26		—	—	—	—
Hoesch					
L603	600	—	—	⊙	—
L603K		—	—	⊙	—
L603 10/10		—	—	⊙	—
L604		—	—	⊙	—
L604n		—	—	⊙	—
L605		—	—	⊙	—
L605K		—	—	⊙	—
L606n		—	—	⊙	—
L607n		—	—	⊙	—
L703		700	—	—	⊙
L703K	—		—	⊙	—
L703 10/10	—		—	⊙	—
L704	750	—	—	⊙	—
L755		—	—	—	—

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