

## Aichi SR-210 and SR-182

SR-182 and SR-210 ensure safe, efficient erection of external wall construction and other operations without preparation of the ground at factories, warehouses, and other work sites, thereby rationalising the construction work.



Model Number And Model Name		
Model Number	SR-210	SR-182
Model Name	Crawler type self propelled aerial platform	Crawler type self propelled aerial platform
Platform		
Max. Load	200kgf	250kgf
Max. Platform Height	20.8m	18.0m
Max. Horizontal Outreach	19.0m	16.5m
Platform Inner Size (D x W x H)	1.3m x 0.75m x 1.1m	1.3m x 0.75m x 1.1m
Boom		
Length	8.28m - 19.96m	7.19m - 16.86m
Slewing Device		
Slewing Angle	360° continuous	360° continuous
Slewing Speed	0.8 r.p.m.	0.86 r.p.m.
Travelling		
Travelling Speed	0 - 0.9km/h	0 - 1.1km/h
Gradability Stowed	22° (40%)	27° (51%)
Dimensions And Weight		
Min. Ground Clearance	380mm	400mm
Gross Weight	8,300kg	14,500kg
Ground Contact pressure	0.4kg/cm <sup>2</sup>	0.80kg/cm <sup>2</sup>

### Vehicle Dimensions (refer diagram below)

A: Length	9,745mm	8,610mm
B: Width	2,460mm	2,460mm
C: Height	2,550mm	2,550mm
Gross Vehicle Weight	15,300kgf	13,500kgf
J: Ground Clearance	425mm	425mm
E: Tumbler Center Distance	2,575mm	2,575mm
F: Crawler Center Distance	1,960mm	1,960mm
K: Radius Of Revolving Superstructure	2,440mm	2,420mm
G: Crawler Shoe Width	500mm	500m
Max. Ground Pressure	0.91kgf/cm <sup>2</sup> (13psi)	0.78kgf/cm <sup>2</sup> (11psi)

### Power Source

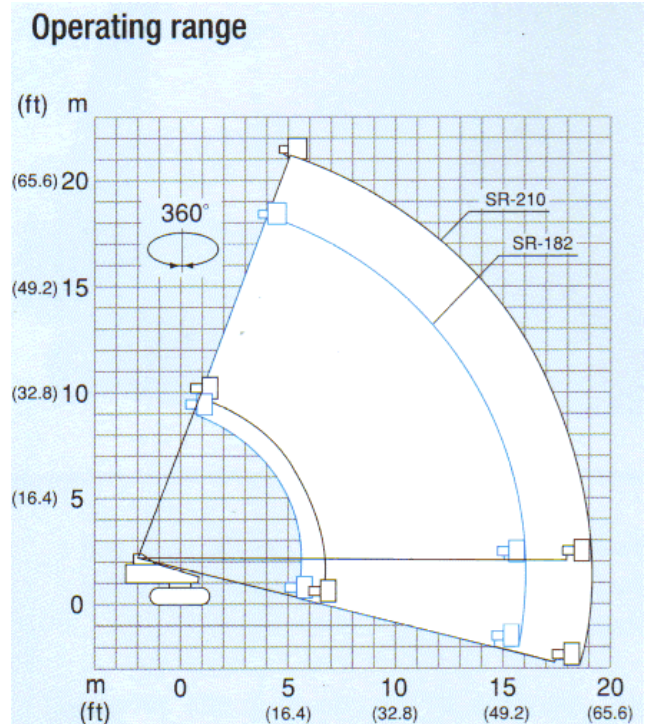
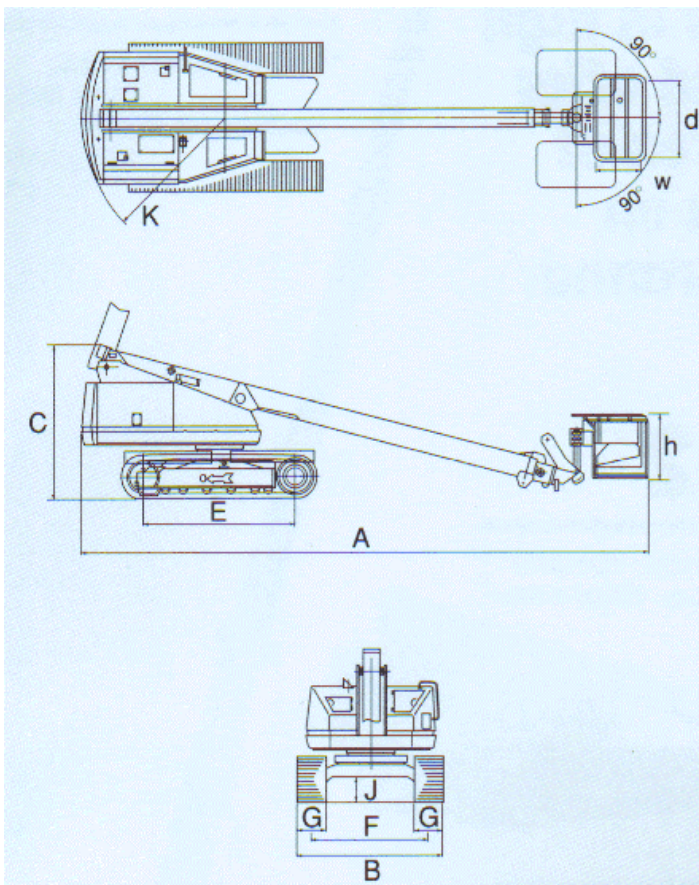
Name And Type	ISUZU 4BD1T (turbo)	ISUZU 4BD1
Max. Output	81PS (60.4kw) / 1,700 r.p.m.	69.5PS (51.8kw) / 2,200 r.p.m.
Displacement	3,856cc	3,856cc
Voltage	24V DC	24V DC
Fuel Tank Capacity	230L (60.7 gal)	230L (60.7 gal)

### Hydraulics

Pressure	210kgf/cm <sup>2</sup> (2980psi)	210kgf/cm <sup>2</sup> (2980psi)
Reservoir Capacity	250L	250L

### SR-210 and SR-182 Overall Dimensions

### SR-210 and SR-182 Working Range Chart



#### Notes:

1. The deflection of the boom is not taken into consideration in the chart.
2. The operating range is the same in any direction.
3. The chart shown above is based on supposition that the ground is horizontal and hard and that the wind velocity is less than 16 m/sec.