



SR182 AICHI

Steel tracked 20 metre aerial platform

NOW AVAILABLE FOR HIRE



All terrain, fully certified, 20 metre working height, 250kg SWL



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SR182 AICHI specifications

Model			SR-182	ISR-602
Weight	Overall weight		13,500 kgf	29,760 lbs
	Max. ground contact pressure		0.78 kgf/cm ²	11 psi
Engine	Model		ISUZU 4BD1-PE03	←
	Total displacement		3,856 cc	235 in ³
	Output power		69.5 ps / 2,200 rpm	68.5 HP / 2,200 rpm
	Output torque		24.0 kgf-m/1,600 rpm	174 ft-lb / 1,600 rpm
Engine (From serial No. 661665 and after)	Model		A-4BG1-PE05	←
	Total displacement		4,329 cc	264 in ³
	Output power		84 ps/2,200 rpm	61.8 kw/2,200 rpm
	Output torque		28.0 kgf-m/1,600 rpm	203 ft-lb / 1,600 rpm
	Engine oil capacity		13 liters	3.43 gals
	Cooling water capacity		16,5 liters	4.36 gals
	Fuel tank capacity		230 liters	60.8 gals
	Engine speed		1,200~2,300 rpm	←
	Battery		DC 12v / 70 AH×2	←
Platform	Rated load		250 kgf or 2 persons + Tools (90 kgf)	550 lbs or 2 persons + Tools (200 lbs)
	Max. allowable side force		41 kgf (400N)	90 lbs
	Inner dimensions		1,800×750×1,120 mm	5'11"×2'6"×3 ft 8 in
	Rotation angle		180°	←
	Maximum floor height		18.0 meters	59 feet
	Maximum working radius		16.5 meters	54 ft 2 in
Boom	Boom length		7.19~16.86 meters	23 ft 7 in ~ 55 ft 4 in
	Boom angle		-20~70 degrees	←
	Rotation angle		360° continuously	←
Operational speed	Elevation	UP	70±5 seconds / stroke	50±5 seconds / stroke
		DOWN	70±5 seconds / stroke	55±5 seconds / stroke
	Extension	OUT	35±5 seconds / stroke	←
		IN	30±5 seconds / stroke	←
	Rotation	C. W.	150±10 seconds / 1 turn	70±5 seconds / 1 turn
		C. C. W.	150±10 seconds / 1 turn	70±5 seconds / 1 turn
	Travelling	High speed	Forward	32±4 seconds / 10 m
			Reverse	32±4 seconds / 10 m
		Low speed	Forward	51±8 seconds / 10 m
			Reverse	51±8 seconds / 10 m
	Platform rotation	Right	20±4 seconds / stroke	←
		Left	20±4 seconds / stroke	←

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