

TECHNICAL SPECIFICATIONS OF JINWOO450

Aerial Access Work Platform ~ Jinwoo450			
DESCRIPTION		UNITS	SPECIFICATIONS
PRODUCT CODE	BY OEM	-	JINWOO450 (OPTIONAL 400Kgs Crane Winch)
MANUFACTURER	OEM	-	JINWOO SMC. CO. LTD.
PERMISSIBLE MOUNTING VEHICLE	DAEWOO or HYUNDAI MOTORS	-	4x2, 270PS ENGINE, 16.2TONS GVW WITH 4,900MM WHEEL BASE
PRODUCT (INCLUSIVE OF VEHICLE)	STOWED LENGTH	mm	9,620 (Compact Telescopic model for Rural roads)
	STOWED WIDTH	mm	2,500
	STOWED HEIGHT	mm	3,980
	WEIGHTAGE	Tons	≈ 16.2
TELESCOPIC BOOM	No. of BOOMS	EA	7 (ALL TELESCOPIC)
	LENGTH of FIRST BOOM	mm	6,900
	TYPE	-	PROPORTIONAL WITH MOMENT AUTO-LOCKING
TURRET or TURNTABLE	ROTATION	DEGREE	STANDARD: 350° (±175° NON-CONTINUOUS) OPTIONAL: 360° CONTINUOUS IN BOTH DIRECTIONS
	TYPE	-	HYDRAULIC SLEWING BEARING WITH REDUCTION GEAR
OUTRIGGER (PATENTED X-A STYLE)	No. of BOOMS	-	TOTAL 3 (1 Fixed)
	EACH SLIDE STROKE LENGTH	mm	1050 (FRONT) 1050 (REAR)
	MAX. OUTREACH	mm	8200 (FRONT) 8200 (REAR)
OUTRIGGER JACKS	STROKE LENGTH	mm	860 (FRONT) / 740 (REAR)
STEEL PLATFORM or FRP INSULATED BASKET	F.R.P BASKET	mm	1280(L)*1100(H)*850(W)(for 2 workmen)
	F.R.P INSULATION	Volts	20,000
	STEEL	mm	3200(L)*950(W)*1100(H) (for 2 workmen)
	TYPE	-	HYDRAULIC ; SELF-LEVELING
	ROTATION	DEGREE	360° (CONTINUOUS USING RING GEAR)
VALVE CONTROLS	BASIC TYPE	-	MANUAL LEVER (OUTRIGGER AND BOOM)
	REMOTE CONTROL	-	PORTABLE WIRELESS (FOR UPPER CONTROLS)
MAX. WORKING HEIGHT		M	45.8 (44.1M TO FLOOR OF BASKET)
MAX. OUTREACH (REAR & SIDES)		M	STD. DESIGN WITH 20 @ 200Kg; 18 @ 300Kg SPECIAL DESIGN WITH 24 @ 300Kg ; 22 @ 400Kg
MAX. WORKING LOAD (PAYLOAD)		Kgs	300 for STEEL PLATFORM ~ Std. design 250 for FRP BASKET ~ Optional SPECIAL 400KG PAYLOAD ~ 2014 DESIGN
HYDRAULIC OIL TANK CAPACITY		Ltrs.	180
SAFETY DEVICES		-	RELIEF & COUNTER BALANCE VALVES, PROPORTIONAL CONTROL VALVE, PLATFORM SAFE ANGLE CONTROL VALVE, PILOT CHECK VALVE, OVERTURNING ALARM, BOOM OVER EXTENSION ALARM (OPTIONAL: AUTOMATIC CUT-OFF SAFETY SYSTEM), DISPLAY MONITOR, PAYLOAD & BOOM ANGLE LIMITER, OUTRIGGER BASED WORK AREA AUTOMATIC MECHATRONIC CUT-OFF SYSTEM

Note: Technical Specifications are bound to change without prior notification for better operator safety and due to changes in truck Specifications.