



EXCAVATOR

YVW340-S





YANWA

YW340-S

CHARACTERISTICS

EXCAVATOR

BRAND	YANWA
MODEL	YW340-S
ORIGIN	CHINA
YEAR	2023
OPERATIONAL WEIGHT	22500KG

CABIN

TYPE	CLOSED SOUNDPROOF
A/C	INCLUDES
ADJUSTABLE ERGONOMIC SEAT	INCLUDES
SEAT BELT	INCLUDES
REAR VIEW MIRRORS	INCLUDES
WIPER WASHER	INCLUDES
NOISE INSIDE THE CABIN	70DB(A)
NOISE OUTSIDE THE CABIN	99DB(A)
AROUND VIEW MONITOR (AVM) WITH 360° CAMERAS	INCLUDES
SCREEN	8 INCH COLOR LCD HIGH RESOLUTION INTELLIGENT ELECTRONIC SUPERVISION AUTOMATIC FAULT DIAGNOSIS ALLOWS OBSERVATION OF FAULT CODES SELECTION OF WORKING MODES EQUIPMENT SPEED SELECTION ALARM FUNCTIONS



ENGINE

BRAND	CUMMINS
MODEL	6BTAA5.9-C180
CYLINDERS	6 IN LINE
COMBUSTION	INTERNAL 4 TIMES
FUEL	DIESEL
FEEDING SYSTEM	TURBOCHARGED
CYLINDER CAPACITY	5900 CC
NET POWER STANDARD (SAE)	180 HP / 132 KW
OPERATING REGIME	2200RPM
TORQUE	62KGF/M (630NM)
INJECTION	DIRECT
INJECTION	DIRECT
PUMP TYPE	MECHANICAL (AD/RSV GOVERNOR 8%) INLINE FUEL INJECTION
EMISSIONS	TIER 2
REFRIGERATION	WATER
FUEL TANK CAPACITY	400LT
ADDITIONAL FUEL FILTER	INSTALLATION OF AN ADDITIONAL FUEL FILTER SYSTEM IS INCLUDED - TYPE AK





HYDRAULIC SYSTEM

VARIABLE FLOW PISTON PUMP (X2)

MAIN SYSTEM - MAXIMUM FLOW	580 L/MIN(290 L/MIN × 2 PUMPS)
WORK PRESSURE	4975PSI
MAXIMUM PRESSURE - PILOT	580PSI
POWER BOOST (INCLUDED)	5410PSI
MAXIMUM PRESSURE - DISPLACEMENT	350 KGF/CM2 (34300 KPA)
MAXIMUM PRESSURE - TWIST	285 KGF/CM2 (27900 KPA)
BOOM CYLINDER - BORE	120MM (5 IN)
ROCKER ARM CYLINDER - BORE	140MM (6 IN)
STICK CYLINDER - STROKE	1,504MM (59 IN)
BUCKET CYLINDER - BORE	120MM (5 IN)

TRANSMISSION

TYPE	HYDROSTATIC
NO. OF SPEEDS	2 FORWARD AND BACKWARD
TRAVEL SPEED	5.7KM/H (3.5MPH)
MAXIMUM RIMPULL - LONG UNDERCARRIAGE (DRAWBAR)	21,000 KGF / 205 KN (45,996 LBF)

UNDERCARRIAGE

CHAIN SYSTEM SEALED
WITH LUBRICATION

NUMBER OF FOOTINGS (EACH SIDE) 49

NUMBER OF TRACK/LOWER ROLLERS
(EACH SIDE) 9

NUMBER OF CARRIER/CARRIER ROLLERS
(EACH SIDE) 2

TRACK SHOE WIDTH 800MM

GROUND PRESSURE 0.36 KGF/CM² (35.5 KPA)

UNDERCARRIAGE LENGTH 4450MM

TURNING MECHANISM

TURNING SPEED 12.5RPM

MAXIMUM TORQUE 82 KN*M / 60300 LBF-FT

LADLE

BUCKET CAPACITY 1.19 M³ (1.56 YD³)

BUCKET TIP RADIUS 1570MM (5'2")





OPERATING RANGES

REACH ARM - 2900MM

JIB / BOOM LENGTH - 5700 MM`

DIGGING DEPTH	6720MM
MAXIMUM HORIZONTAL REACH AT GROUND LEVEL	9960MM
MAXIMUM CUTTING/DIGGING HEIGHT	9945MM
MAXIMUM LOADING HEIGHT	6490MM
MINIMUM LOADING HEIGHT	2170MM
MAXIMUM DEPTH OF CUT TO OBTAIN A HORIZONTAL BOTTOM OF 2440 MM (8'0")	6550MM
MAXIMUM DIGGING DEPTH ON A VERTICAL FACE	5,190MM
BUCKET BREAKOUT FORCE (ISO)	15336 KGF /150 KN
ARM BREAKOUT FORCE (ISO)	10910 KGF / 107 KN
BUCKET BREAKOUT FORCE (ISO) - DIGGING REINFORCEMENT	16651 KGF / 163 KN
STICK BREAKOUT FORCE (ISO) - DIGGING REINFORCEMENT	11775 KGF / 115 KN

ELECTRIC SYSTEM

VOLTAGE	24 VOLTS
BATTERY CAPACITY (X2)	100 AH
BATTERY VOLTAGE (X2)	12V

ELECTRICAL SYSTEM - INCLUDES

CAB MOUNTED WORK LIGHTS	INCLUDES
ELECTRIC HORN	INCLUDES
BACKUP ALARM	INCLUDES
RADIO (AM/FM + BLUETOOTH + MP3)	INCLUDES

DASHBOARD

FUEL LEVEL INDICATOR	INCLUDES
BATTERY CHARGE INDICATOR	INCLUDES
INDICATOR LIGHTS (ALERT)	INCLUDES
TACHOMETER (RPM)	INCLUDES
HYDROMETER	INCLUDES
SPEEDOMETER	INCLUDES
ENGINE TEMPERATURE GAUGE	INCLUDES
HYDRAULIC OIL TEMPERATURE GAUGE	INCLUDES
HYDRAULIC OIL TEMPERATURE GAUGE	INCLUDES
WARNING LIGHTS	INCLUDES

SERVICE FILLING CAPACITY

FUEL TANK CAPACITY	400 LITERS (105.6 GAL)
REFRIGERATION SYSTEM	25 LITERS (6.6 GAL)
ROTATION CONTROL	12 LITERS (3.2 GAL)
HYDRAULIC SYSTEM (INCLUDING TANK)	270 LITERS (71.3 GAL)
HYDRAULIC RESERVOIR	150 LITERS (39.6 GAL)
DIESEL EXHAUST FLUID (DEF) TANK	39 LITERS (10.3 GAL)

PESOS

OPERATING WEIGHT	22,500 KG /49,600 LBS.
GROUND PRESSURE	0.36KGF/CM2 (35.5KPA)

WEIGHT IS ESTIMATED WITH THE FOLLOWING ITEMS ATTACHED: REACH BOOM, STICK 2900 MM, BUCKET 1.19 M3 (1.56 YD3), TRIPLE GROUSER SHOES 800 MM (31.5 IN), COUNTERWEIGHT 4.2 TONS (9,300 LBS.).

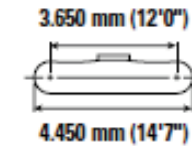
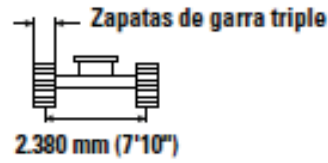
DIMENSIONS

BOOM LENGTH	5700MM (18'8")
REACH ROCKER	2960MM (9'6")
CABIN HEIGHT	2960MM (9'9")
TOTAL HEIGHT	3100MM (10'2")
HEIGHT WITH BOOM/STICK /BUCKET INSTALLED	3160MM (10'4")
HEIGHT WITH BOOM/STICK INSTALLED	2910MM (9'7")
HEIGHT WITH BOOM/STICK INSTALLED	2910MM (9'7")
HEIGHT WITH BOOM INSTALLED	2480MM (8'2")
LENGTH WITH BOOM/STICK/ BUCKET INSTALLED	9530MM (31'3")
LENGTH WITH BOOM/STICK/ BUCKET INSTALLED	9530MM (31'3")
LENGTH WITH BOOM/STICK INSTALLED	9500MM (31'2")
BOOM INSTALLED LENGTH	8450MM (27'9")
WIDTH OF THE UPPER FRAME	2780MM (9'1")
TAIL CYRATION RADIUS	2830MM (9'3")
CLEARANCE FROM COUNTERWEIGHT	1050MM (3'5")
GROUND CLEARANCE	470MM (1'7")
CHAIN LENGTH	4450MM (14'7")
DISTANCE BETWEEN THE CENTERS OF THE ROLLERS	3650MM (12'0")
TRACK WIDTH	2380MM (7'9")
UNDERCARRIAGE WIDTH (800 MM/ 31.5" SHOES)	3400MM (11'2")

BACKHOE TOOLS

HYDRAULIC BOTTLE JACK	22TON ACTION LEVER JACK KEY
TYPE I WHEEL WRENCH	32X30 FORCE LEVER
TOOLBOX	PLIERS SCREWDRIVER PHILLIPS SCREWDRIVER 10" SPANNER COMBINATION WRENCHES (10 TO 23)MM
EXTINGUISHER	PQS TYPE CLASS A,B,C FIRES 10 KG
MEDICINE CABINET	ANTISEPTIC ALCOHOL OXYGENATED WATER POROUS ADHESIVE TAPE GAUZE COTTON BANDAGE (1 TRIANGULAR -1 LONGITUDINAL) SCISSORS ANALGESICS (PARACETAMO IBUPROFEN) GLOVES
FLASHLIGHT	LED TYPE
SAFETY TRIANGLES 2 UNITS	2 UNITS 50 CM EACH SIDE FLUORESCENT SURFACE ABS MATERIAL RED REFLECTIVE PLATE POLYETHYLENE BASE (WEIGHT 2KG)

Reach Boom Lift Capacities – Counterweight: 4.2 mt (9,300 lb) – without Bucket, Heavy Lift: On



		1500mm/60in		3000mm/120in		4500mm/180in		6000mm/240in		7500mm/300in				mm in
7500mm 300 in.	kg lbs							*4950	*4950			*4300 *9550	*4300 *9550	6150 240
6000mm 240 in.	kg lbs							*5450 *11950	*5450 11900			*4000 *8800	*4000 *8800	7290 290
4500mm 180 in.	kg lbs							*6000 *13000	5400 11600	*5650 *12350	3800 8200	*3900 *8600	3450 7600	7990 320
3000mm 120 in.	kg lbs					*8700 *18750	7850 16850	*6850 *14900	5150 11100	5750 12300	3700 8000	*4000 *8800	3150 6950	8360 330
1500mm 60 in.	kg lbs					*10550 *22800	7350 15800	7800 16800	4900 10600	5600 12050	3600 7750	*4250 *9350	3050 6700	8450 340
0mm 0 in	kg lbs			*6600 *15200	*6600 *15200	*11600 *25050	7050 15200	7600 16400	4750 10250	5500 11850	3500 7600	*4700 *10350	3100 6800	8260 330
-1500mm -60 in.	kg lbs	*7100 *15800	*7100 *15800	*11400 *25900	*11400 *25900	*11700 *25350	6950 15000	7550 16200	4700 10050	5500 11800	3500 7550	5250 11500	3350 7350	7780 310
-3000mm -120 in.	kg lbs	*12100 *27150	*12100 *27150	*15500 *33600	*13550 29050	*10950 *23700	7050 15150	7600 16300	4700 10150			6150 13650	3900 8700	6950 280
-4500mm -180 in.	kg lbs			*12400 *26550	*12400 *26550	*8950 *19000	7250 15600					*6750 *14850	5400 12100	5600 220

* INDICATES LOAD IS LIMITED BY HYDRAULIC LIFT CAPACITY RATHER THAN TIPPING LOAD. THE ABOVE LOADS MEET ISO 10567:2007 HYDRAULIC EXCAVATOR LIFTING CAPACITY STANDARD. THEY DO NOT EXCEED 87% OF THE HYDRAULIC LIFTING CAPACITY* OR 75% OF THE TIPPING LOAD. THE WEIGHT OF ALL LIFTING ACCESSORIES MUST BE SUBTRACTED FROM THE ABOVE LIFTING CAPACITIES. LIFT CAPACITIES ARE BASED ON POSITIONING THE MACHINE ON A FIRM, LEVEL SURFACE. USING AN IMPLEMENT HITCH POINT TO HANDLE/LIFT OBJECTS COULD AFFECT THE LIFTING PERFORMANCE OF THE MACHINE.



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