



BACKHOE

RE715-ET





BACKHOE EXTENDABLE ARM

AMOUNT	1
BRAND	YANWA
MODEL	RE715-ET
YEAR OF PRODUCTION	2023
ORIGIN	CHINA
OPERATIONAL WEIGHT	8100KG

CABIN

CABIN	CLOSED
TYPE	ROPS (ISO 3741) / FOPS (ISO 3449)
A/C	INCLUDES
ERGONOMIC / ADJUSTABLE SEAT	INCLUDES
SEAT BELT	INCLUDES
RADIO (BLUETOOTH+USB+AM/FM)	INCLUDES
SECURITY AGAINST VANDALISM - CENTRAL LOCKING	INCLUDES
ENTRY BOTH SIDES (LEFT/RIGHT)	INCLUDES
MIRRORS	INCLUDES
NOISE INSIDE THE CABIN	72.3DB(A)
NOISE OUTSIDE THE CABIN	82.4DB(A)



ENGINE

BRAND	CUMMINS
MODEL	QSB4,5-C110
TYPE	4-STROKE INTERNAL COMBUSTION
FUEL	DIESEL
NET POWER	110HP
OPERATING REGIME	2200RPM
DISPLACEMENT	4.5L
EMISSIONS SYSTEM	TIER 3
CYLINDER CAPACITY	4500CC
MAXIMUM TORQUE (TORQUE)	49.7 KGF.M/ 488 NM @ 1500 RPM
NUMBER OF CYLINDERS	4 IN LINE
INJECTION SYSTEM	DIRECT INJECTION (COMON RAIL)
AIR SUPPLY	TURBOCHARGED
FUEL TANK CAPACITY	150 LITERS
REFRIGERATION	WATER





TRANSMISSION

TRACTION	4WD (4X4)
TYPE	MECHANICAL SERVO
SPEEDS	4 FORWARD / 4 REVERSE
TOP SPEED 1ST (FORWARD/REVERSE)	6KM/H
MAX SPEED 2ND (FORWARD/REVERSE)	9.5 KM/H
3RD MAX SPEED (FORWARD/REVERSE)	19.9 KM/H
TOP SPEED 4TH (FORWARD/REVERSE)	40.1KM/H
TRACTION CONTROL	MANUAL
TRANSMISSION TYPE	HYDROSTATIC / ASSISTED
TYPES OF CHANGES	HYDRAULICS
REAR DIFFERENTIAL	HYDRAULIC LOCK INCLUDES CABIN BUTTON ACTIVATION

AXLE FORCE - HEAVY DUTY

MAXIMUM FRONT FORCE (DYNAMIC)	8500 DAN
REAR MAX FORCE (DYNAMIC)	7500 DAN

HYDRAULIC SYSTEM (WITH LOAD DETECTOR)

PUMP TYPE	VARIABLE DISPLACEMENT PISTON PUMP
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MAIN RELIEF PRESSURE	24MPA
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FLOW (PUMP FLOW)	165 L/MIN
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TYPE OF SYSTEM	CLOSED CENTER
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MAXIMUM WORKING PRESSURE	250 BAR - 254.9 KGF/CM2 (3625.9 PSI)
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HYDRAULIC SYSTEM CAPACITY	105LT
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DEPOSIT CAPACITY	50LT
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LOADER AND EXCAVATOR DRIVE	MANUAL LEVERS
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DIRECTION SYSTEM)

TYPE	FRONT - HYDRAULIC / HYDROSTATIC
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WARNING LIGHTS

WHEELBASE 2173MM

FRONT	DIMENSIONS 14-17.5 CANVAS 14 (PLY) MAX LOAD 3875KG
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FRONT	DIMENSIONS 19.5L-24 CANVAS 14 (PLY) MAX LOAD 3540KG
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BRAKES

BRAKE DISC DIAMETER 300 MM

SERVICE BRAKE	DISCS - OIL BATH SELF ADJUSTING ON 4 WHEELS HYDRAULIC ACTUATOR
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EMERGENCY BREAK	MANUAL OVERRIDE
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PARKING BREAK	MANUAL OVERRIDE DIFFERENTIAL LOCK
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DASHBOARD - INCLUDES

TACHOMETER (FUEL LEVEL)	INCLUDES
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HYDROMETER	INCLUDES
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HOUR METER	INCLUDES
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SPEEDOMETER	INCLUDES
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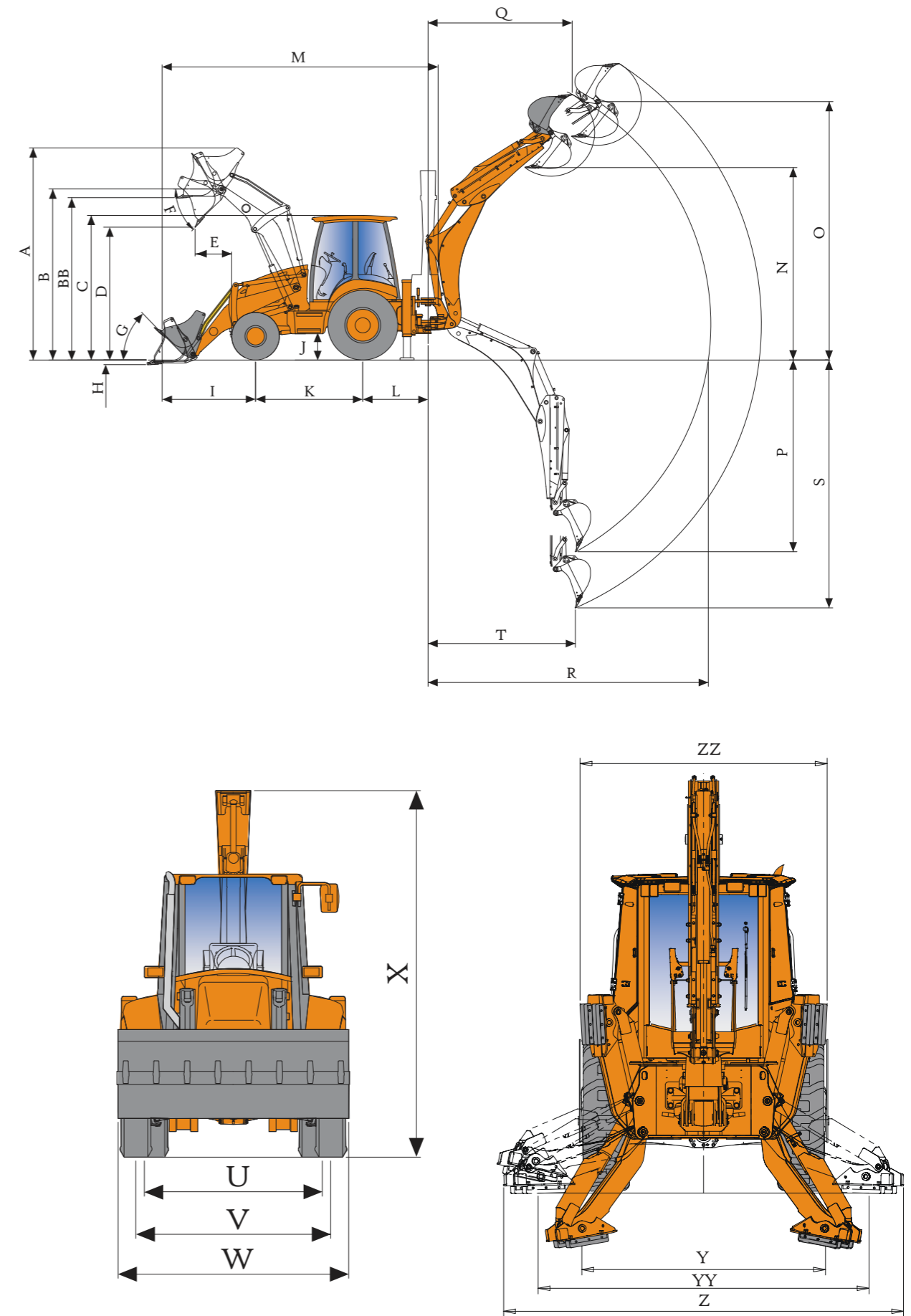
ENGINE TEMPERATURE INDICATOR	INCLUDES
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HYDRAULIC TEMPERATURE GAUGE	INCLUDES
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ENGINE OIL PRESSURE GAUGE	INCLUDES
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WARNING LIGHTS	INCLUDES
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A	maximum height	4.298mm	O	digging height	5.792mm
B	pin height	3.428mm	- with extended telescopic		6.497mm
BB	max height load with forks	3.182mm	p	SAE digging depth	4.257mm
C	cab height	2.900mm	- with extended telescopic		5369mm
D	unloading height	2.778mm	Q	reach at maximum height	2.554mm
E	max discharge reach (45°)	724mm	-with extended telescopic		3.816mm
F	discharge angle	45°	R	max range from turning center	5.754mm
G	pickup angle	45°	-with extended telescopic		6.767mm
H	excavation depth	150mm	S	Max deep excavation	4.977mm
I	bucket reach (transport)	2.133mm	-with telescopic arm		6.021mm
J	ground clearance	380mm	T	digging reach	1.973mm
K	distance between axis	2.173mm	U	distance between rear wheels	1.800mm
L	turning center distance the backhoe	1.325mm	V	distance between front wheels	1.910mm
M	transport height	5.933mm	W	overall width (with bucket)	2.20mm
M	SAE dump height	3720mm	X	transport height of the backhoe loader	3.750mm
	max height, unloading	4171mm	-with telescopic		3.860mm
	- with extended telescopic SAE	4.550mm	X	center distance with stabilizers fully extended	2.256mm
	- with telescopic max	4.891mm	YY	distance from the center of the stabilizers	2.063mm
			Z	distance from the outside of the stabilizers	3.702mm
			ZZ	overall width (with bucket)	2.340mm



When the machine is used for operations in the form of an object, the part of the backhoe must be equipped with safety valves (boom, arm and overload warning devices) according to EN474-5 and must operate in accordance with local regulations related

EXCAVATOR ARM

TYPE	HYDRAULIC
ARM TYPE	EXTENDABLE / TELESCOPIC
ANGULAR DISPLACEMENT	LEFT RIGHT
CONTROLS	UNIVERSAL HAND LEVER
STANDARD DIGGING DEPTH	4360MM
DIGGING DEPTH WITH TELESCOPIC EXTENDED	5369MM
BUCKET CAPACITY (ISO 7451 STANDARD)	0.20 M3
BUCKET WIDTH	610MM
NUMBER OF TEETH	5
REACH FROM PIVOT CENTER	5754MM
DIGGING HEIGHT	5792MM
DIGGING HEIGHT WITH TELESCOPIC EXTENDED	6497MM
STANDARD BUCKET BREAKOUT FORCE	6292 KGF / 61.7 KN
ARM BREAKING FORCE	4364 KGF / 42.8 KN
BUCKET ANGLE OF ROTATION	205°
ARC OF ROTATION	180°
AUXILIARY HYDRAULIC LINE FOR HYDRAULIC ACCESSORIES	INCLUDES
LOCK AND UNLOCK THE BOOM	LEVER/CABLE MECHANICAL SYSTEM ACTIVATION FROM CABIN

CHARGER

TYPE	HYDRAULIC
CONTROLS	LEVER
LOADER BUCKET CAPACITY	1.0 M3
LIFTING CAPACITY AT GROUND LEVEL	5300KG
BUCKET BREAKOUT FORCE	6500KGF
FULL HEIGHT LIFT CAPACITY	3900 KGF
BUCKET WIDTH	2320MM
MAXIMUM HEIGHT	4298MM
MAX DUMP ANGLE	45° (FULL HEIGHT)
DUMP HEIGHT	2778 MM (MAX ANGLE 45°)
PIN LOADING HEIGHT	3428MM
DIGGING DEPTH	150MM
INCLUDES	LOADER BUCKET CLIP KIT WITH COUPLING BOLTS AND NUTS

ELECTRICAL SYSTEM (FOR HEAVY DUTY)

VOLTAGE	12 VOLT
BATTERY CAPACITY	95 AH
ALTERNATOR	150A

ELECTRIC SYSTEM-INCLUDES

NIGHT WORK LIGHTS (4 FRONT LED LIGHTS / 4 REAR LED LIGHTS)	INCLUDES
LIGHTS FOR HIGHWAY CIRCULATION (TURN SIGNALS, PARKING, REVERSE, MAIN LIGHTS))	INCLUDES
TAIL LIGHTS	INCLUDES
ELECTRIC HORN	INCLUDES
BACKUP ALARM	INCLUDES
WIRING PROTECTIONS IN EXPOSED AREAS	INCLUDES

IN MONITORING SYSTEM

WITH THE REVOLUTIONIZED BUILT-IN MONITORING SYSTEM YOU WILL BE ABLE TO:

- CHECK WHERE AND WHEN THE
- VERIFY THE HOURS OF WORK PERFORMED.
- OBSERVE TEAM PERFORMANCE.
- RECEPTION OF FAILURE ALARMS AND EQUIPMENT STATUS, IN ADDITION TO MONITORING FUEL CONSUMPTION.

THANKS TO THIS SYSTEM, MAINTENANCE CAN BE PLANNED IN A BETTER WAY AND, IN TURN, IMPROVE THE PERFORMANCE OF THE EQUIPMENT.

TOOLS (1 KIT PER ROAD TEAM, BACKHOE)

HYDRAULIC BOTTLE JACK	15 TON ACTION LEVER JACK KEY
TYPE I WHEEL WRENCH	32X30 FORCE LEVER
WHEEL LOCK STUDS (2 UNITS)	POLYURETHANE 6,2 KG 39,4X21,6X21 CM (LXAXH)
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)





DATA SHEET

AIR CONDITIONING UNIT

the backhoe RE715-ET, has a powerful air conditioning system with excellent ventilation for the operator, ensuring that he stays cool in the highest working temperatures. The ventilation system provides anti-frost demisting and heating features.

Air-conditioning system	
Compressor	12VDC
compressor power	0.2 Horsepower
compressor drive	Pulley
Heater Winding Assembly	cu
capacitor winding assembly	cu
cooling capacity	2.2-2.5KW / 8,500 BTU
Evaporator Flow Volume	750m ³ /h
Refrigerant	R134a
controls	on control board
Air filters	Yeah

