

# YANWA

## CATALOG





# BACKHOE

WE DEVELOP PRODUCTS  
AND SERVICES THAT  
INCREASE PRODUCTIVITY. WE  
ARE CONFIDENT THAT WE  
CAN REDUCE COSTS AND  
INCREASE BENEFITS  
INDUSTRY EXPERTS



# BACKHOE YWA-RE-420

CHARACTERISTICS



# GENERALITIES

BRAND	YANWA
MODEL	YWA-RE-420
AMOUNT	1 UNITS
ORIGIN	CHINA
YEAR OF PRODUCTION	2023
OPERATING WEIGHT	7261 KG
POWER	96HP
COLOR	ORANGE
<b>CABIN</b>	
GUY	CLOSED, SOUNDPROOFED WITH A G
SEATING	ADJUSTABLE TO OPERATOR
SEAT BELT	INCLUDES SEAT BELT
REAR VIEW MIRRORS	INCLUDE REAR VIEW MIRRORS

# ELECTRIC SYSTEM

VOLTAGE/ AMPERAGE	12 VOLTIOS/90 AMP
LIGHTS	1 FRONT AND REAR WORKING
BACKUP ALARM	
ELEMENT BOARD	WITH LIGHTED SIGNALS FOR VERIFY THE CORRECT OPERATION OF THE EQUIPMENT
HORN	NO
	YES
<b>BRAKES</b>	
OF SERVICE	MULTIPLE DISCS BATHED IN OIL, SELF-ADJUSTING, INCORPORATED IN THE REAR AXLE, HYDRAULICLY POWERED
OF PARKING	INDEPENDENT, MECHANICALLY DRIVEN







## ACCESSORIES

ANTI-VANDALISM PROTECTION	FOR CABIN AND FILLER CAPS
TOOLS	REGULATORY TOOLS
AUXILIARY HYDRAULIC LINE FOR HAMMER	ACCESSORIES
MONITORING SYSTEM	FACTORY INSTALLED MONITORING SYSTEM

## HYDRAULIC SYSTEM

MAIN PUMP	OPEN CENTER PUMP AND STANDARD SINGLE GEAR
WORK PRESSURE	3.000 Y 3200 PSI
GUY	OPEN OR CLOSED CENTER LOAD SENSING
HYDRAULIC FLOW	150L/MIN

## UNDERCARRIAGE

REAR TIRES 4X4	21,0 L - 24 IN 10 PR
FRONT TIRES 4X4	12,5/80 - 18 IN 14 PR TL



# ENGINE

BRAND	YAMWA	
MODEL	4YW1	
TYPE	DIESEL 4 STROKE TURBO FED	
NUMBER OF CYLINDERS	4 CYLINDERS	
CYLINDERSHIP	4.500 CC	
POWER	96HP - 3200RPM	
TORQUE	462 N-M @ MAX 1600 RPM	
FUEL TANK	145 LITERS	
REFRIGERATION SYSTEM	BY LIQUID	
EMISSIONS SYSTEM`	TIER III	
POWER TRANSMISSION		
TRANSMISSION TYPE	"POWER SHUTTLE", 4X4. WITH TORQUE CONVERTER	
SPEEDS	4 FORWARD AND 4 REVERSE	
MAKER	YAMWA	
TRANSMISSION TYPE TORQUE CONVERTER/POWER SHUTTLE		
STANDARD POWER SHUTTLE	YES	
CHANGES	4A/4R	
VELOCITY OF DISPLACEMENT	19.5LX24 REAR TIRES	
MARCH	LEAD M/H (M/H)	REVERSE KM/H (M/H)
1	5.5(3.4)	6.6(4.1)
2	8.9(5.5)	10.7(6.6)
3	19.0(11.8)	28.8(14.2)
4	36.2(22.5)	34.4(27.0)
VELOCITY OF DISPLACEMENT	16.9-28 REAR TIRES	
MARCH	LEAD M/H (M/H)	REVERSE KM/H (M/H)
1	6.0(3.7)	7.2(4.5)
2	9.6(6.0)	11.5(7.2)
3	20.5(12.7)	24.6(15.3)
4	38.4(23.9)	46.1(28.6)



# OPERATION TEAM

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## LOADER

BUCKET CAPACITY (LOADER)	1.05 M3
MAXIMUM HEIGHT TO TURN PIN	3447 MM
DISCHARGE HEIGHT	2733 MM
MAXIMUM BUCKET BACK TILT AT GROUND LEVEL	39° DEGREES
BUCKET BREAKOUT FORCE	6400 KGF
LIFTING CAPACITY TO MAXIMUM HEIGHT	3610 KG

## BACKHOE

BUCKET CAPACITY	0.20 M3
ARM TYPE	STANDARD
DIG DEPTH	4.3 M
HORIZONTAL REACH	4.3 M
LOADING HEIGHT	3.60 M
ARCO DE BASCULACIÓN	180° DEGREES
BUCKET DIGGING FORCE	6000 KGF
ARM DIGGING FORCE	3900 KGF

# TOOLS

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## TOOLS

FREQUENTLY USED TOOLS, OPEN-ENDED WRENCH, FRENCH WRENCH, COMBINATION WRENCH, CROWN WRENCH, CROWN WRENCH EXTENSION, HOOK WRENCH, SOCKET, SPECIAL CROWN WRENCH, RATCHET, TORQUE WRENCH, OPEN-END WRENCHES FOR HEXAGONAL NUTS OR BOLTS, WRENCHES CROWN AND MIXED FOR SPECIAL APPLICATIONS, OPENING OR WRENCH OPENING, SCREWDRIVERS, SCREWDRIVER HEAD SHAPES, FLAT, STAR, TORK, INTERNAL HEXAGONAL, EXTERNAL TRIANGULAR, PHILLIPS, FLAT - STAR, ANGLED, SOCKETS





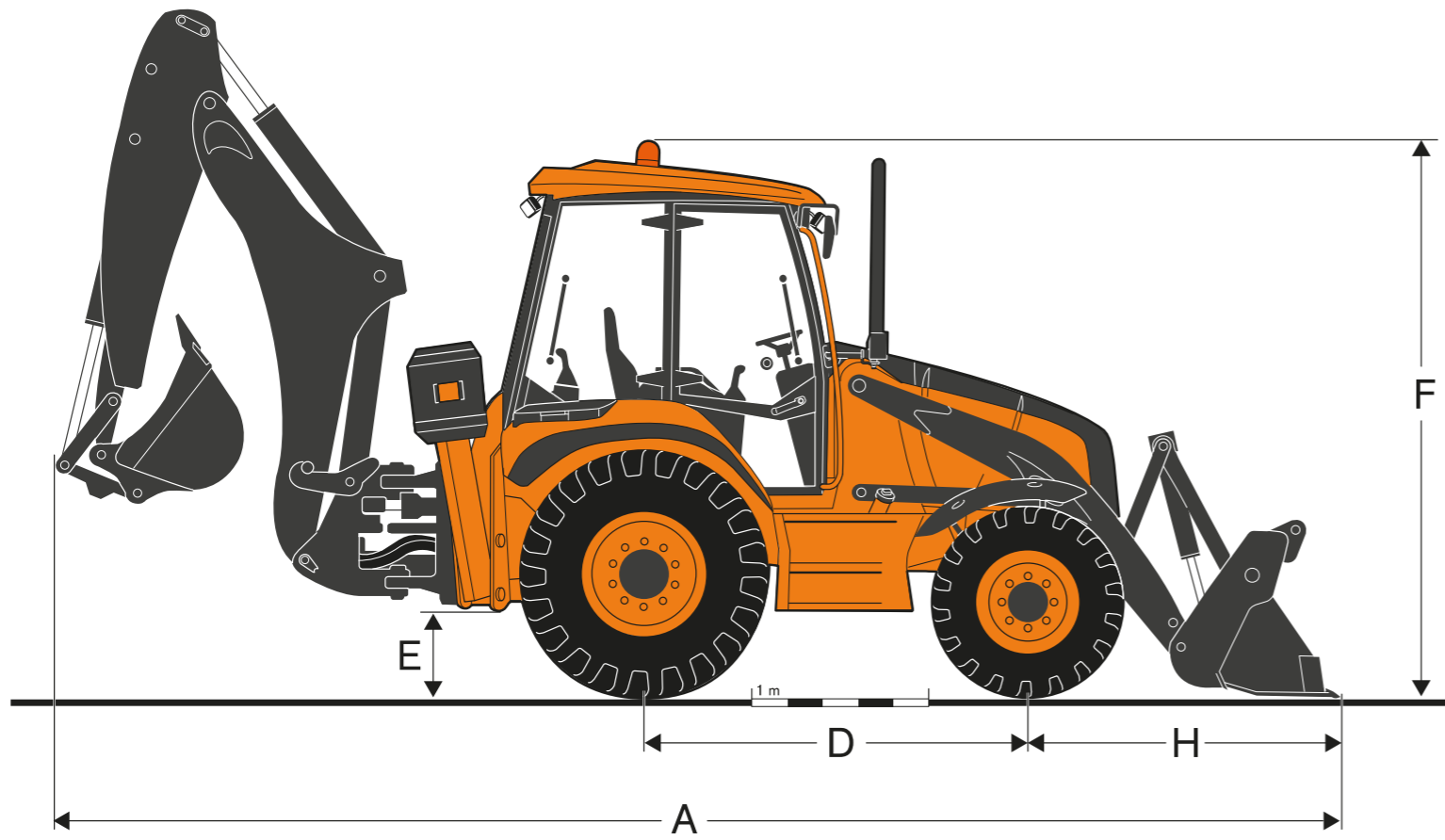


**BACKHOE  
YWA-RE-420**

SPECIFICATIONS

**YANWA**





### DIMENSIONS

A LONG

B WIDTH

C HEIGHT

D DISTANCE BETWEEN AXIS

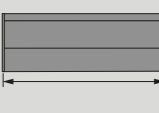

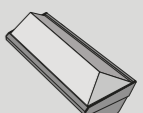
E GROUND CLEARANCE

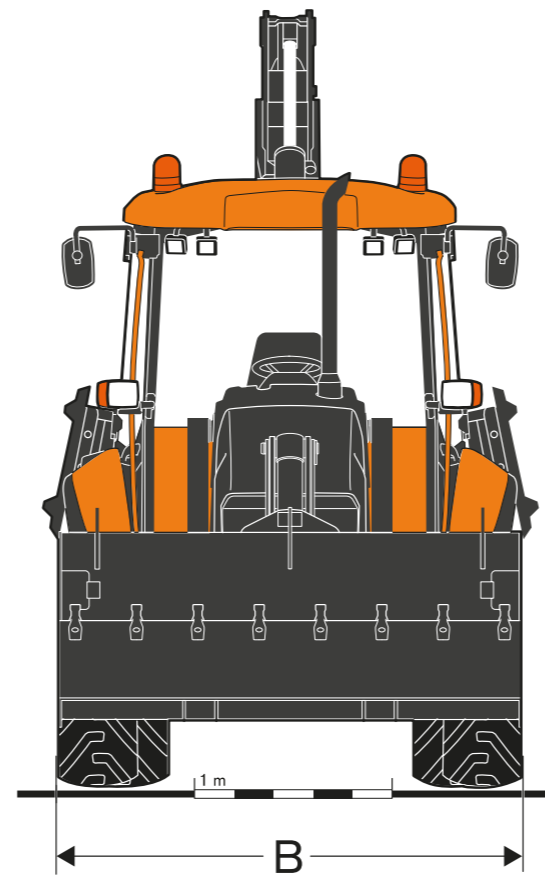
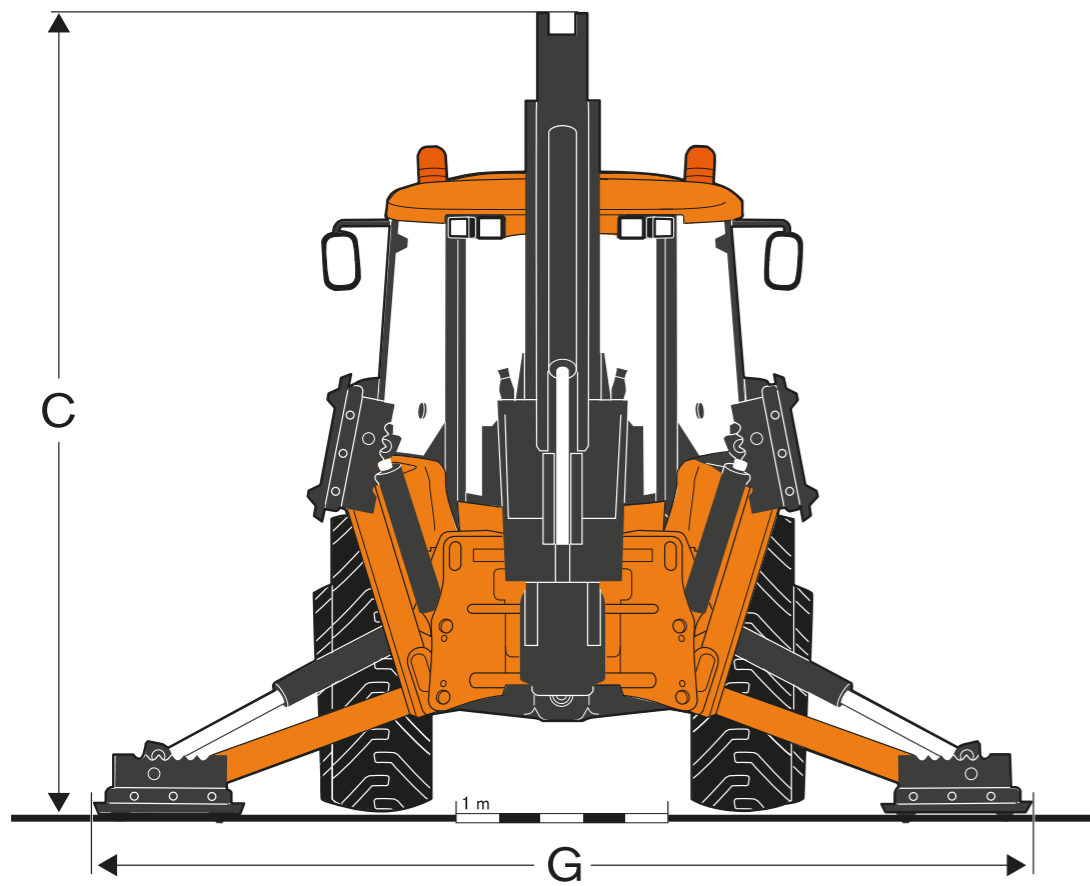
F HEIGHT TO TOP OF CAB

G WIDTH BETWEEN OUTRIGGERS


H DISTANCE FROM FRONT AXLE TO BUCKET EDGE

### LOADER BUCKETS

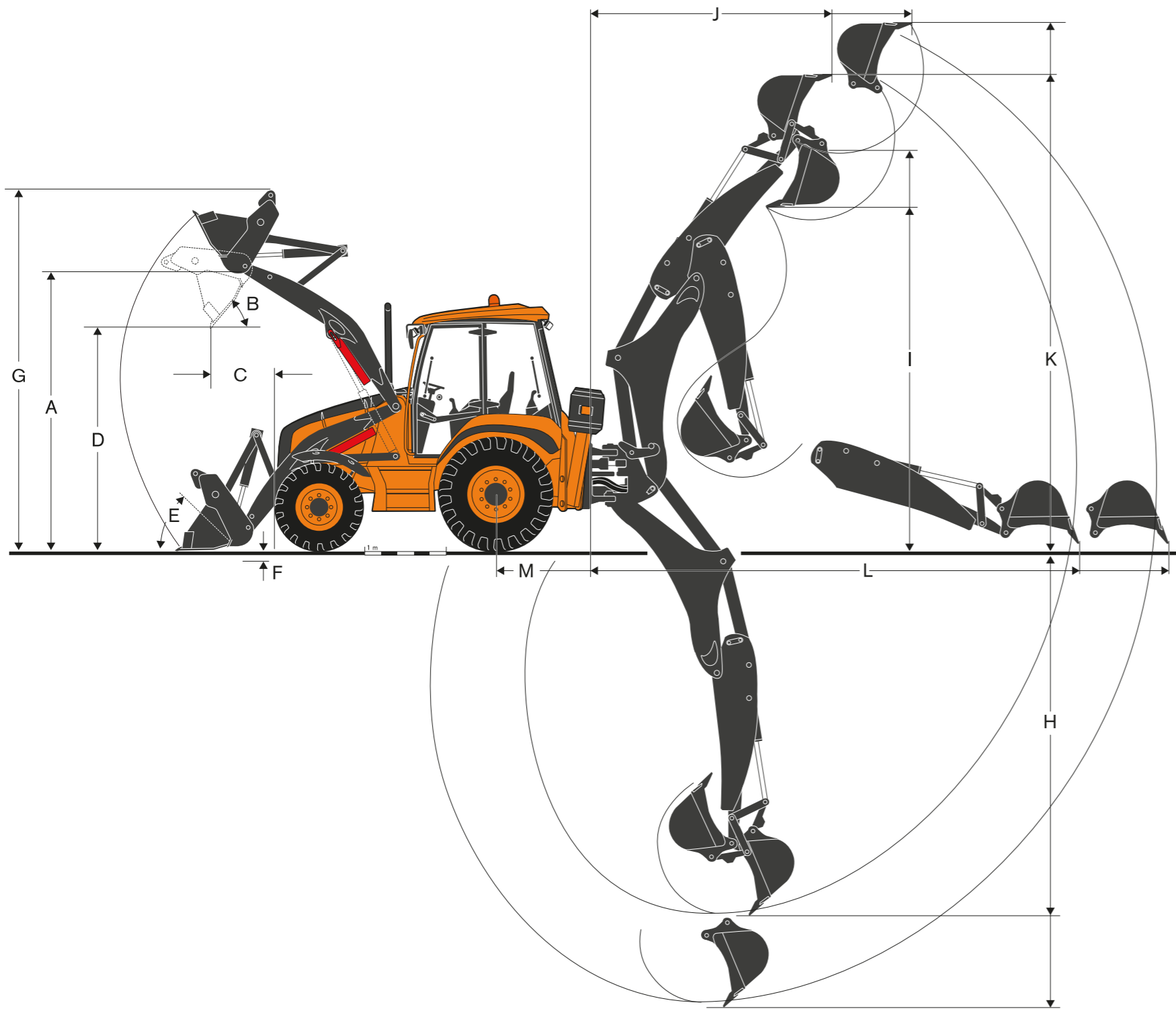
			
OVERALL BUCKET	MM 2 250	KG 345	M <sup>3</sup> 0,8
OVERALL BUCKET	MM 2 350	KG 475	M <sup>3</sup> 1,0
MULTIPURPOSE SPOON	MM 2 350	KG 790	M <sup>3</sup> 1,0



### EXCAVATOR BUCKETS

				
	BRAD	WEIGHT	ABILITY	NO. OF TEETH
VINTAGE SPOON FOR GENERAL PURPOSE	MM 310	KG 97	M <sup>3</sup> 0,08	3
	MM 410	KG 105	M <sup>3</sup> 0,11	3
	MM 450	KG 115	M <sup>3</sup> 0,13	4
	MM 625	KG 130	M <sup>3</sup> 0,19	4
VINTAGE SPOON FOR HEAVY SERVICE	MM 925	KG 137	M <sup>3</sup> 0,29	5
	MM 310	KG 125	M <sup>3</sup> 0,09	3
	MM 465	KG 147	M <sup>3</sup> 0,14	4
VINTAGE SPOON FOR DITCHES	MM 625	KG 174	M <sup>3</sup> 0,20	5
	MM 765	KG 198	M <sup>3</sup> 0,33	6
	MM 925	KG 222	M <sup>3</sup> 0,33	6
VINTAGE SPOON FOR DITCHES	MM 1 200	KG 135	M <sup>3</sup> 0,17	0
	MM 1 500	KG 158	M <sup>3</sup> 0,21	0





#### LOADER DIMENSIONS

A	HEIGHT TO BUCKET PIVOT PIN	M	3,35
B	TILT ANGLE		51
C	DISCHARGE RANGE TOA 45°	M	1,03
D	TIPPING HEIGHTA 45°	M	2,78
E	BUCKET KICK ANGLE, AT GROUND LEVEL	°	46
F	DIGGING DEPTH	M	0,29
G	MAXIMUM OPERATING HEIGHT	M	4,14
	MAX LEVELING ANGLE	°	117

#### BACKHOE DIMENSIONS

H	DIGGING DEPTH	M	4,45
I	LOADING HEIGHT	M	3,72
J	LOAD RANGE MAXIMUM HEIGHT	M	2,51
K	OPERATING HEIGHT	M	5,81



**YANWA**