



GARBAGE SIDE LOADER TRUCK

YN-CL21.6



GARBAGE SIDE LOADER TRUCK

AMOUNT	2
BRAND	YANWA
MODEL	YN-CL21.6
YEAR OF PRODUCTION	2023
ORIGIN	CHINA
TYPE	CAB CHASSIS
COLOR	WHITE (OR AT CUSTOMER'S REQUEST)
GVWR	26000KG

CLUTCH

TYPE	SINGLE DRY DISC (REINFORCED)
DIAMETER	430MM
DRIVE	HYDRAULIC





ENGINE

BRAND	YANWA
MODEL	YM7,7-330
FUEL	DIESEL
INJECTION SYSTEM	COMMON RAIL DIRECT INJECTION ELECTRONICS
COMBUSTION	INTERNAL 4 TIMES
POWER	330 HP AT 2,200 RPM (246 KW AT 2,200 RPM)
CYLINDER CAPACITY	7700CC
NO. OF CYLINDERS	6 IN LINE
TORQUE	1200NM AT 1600RPM
EMISSIONS SYSTEM *	EURO III
INTAKE SYSTEM	INTERCOOLED TURBO
ENGINE BRAKE	IN VALVES AND EXHAUST
FUEL TANK	348L (92GL) WITH WATER SEPARATOR FILTER - FUEL
REFRIGERATION	BY WATER

* THE EURO III EMISSION SYSTEM OF THE YANWA ENGINE IS APPROVED FOR CORRECT OPERATION WITH LOCAL FUELS, GUARANTEEING THE CORRECT PERFORMANCE AND DURABILITY OF THE EQUIPMENT.

TRANSMISSION

TYPE	MANUAL/MECHANICAL
TYPE OF SYSTEM	SYNCHRONIZED
NUMBER OF GEARS	FORWARD (16)/ REVERSE (2)
OPERATION TYPE	BY WIRES
TRACTION	6X4
REAR AXLE RATIO	4.8:1

BRAKES

SERVICE BRAKE (FRONT AND REAR)	DRUM FULL DOUBLE AIR CIRCUIT (PNEUMATIC) ABS + EBD + ATC INTEGRATED AIR DRYER INDEPENDENT
PARKING BREAK	PNEUMATIC LOCKING VALVE FOR REAR WHEELS TIRE TYPE
AUXILIARY BRAKE (ENGINE BRAKE)	TO VALVES AND EXHAUST RESTRICTION VALVE

SUSPENSION SYSTEM (26000 KG PAYLOAD)

FRONT SUSPENSION	9 SEMI-ELLIPTIC CROSSBOW BLADES ON RIGID SHAFT STABILIZER BAR DOUBLE ACTION TELESCOPIC SHOCK ABSORBERS
REAR SUSPENSION	TANDEM 12 SEMI-ELLIPTIC CROSSBOW BLADES INVERTED PROGRESSIVE ACTION
FRONT AXLE	LOAD CAPACITY 8000 KG RIGID SHAFT
REAR AXLE	LOAD CAPACITY 13000KGX2 (26000KG) SINGLE REDUCTION AXLE WITH REDUCTION HUBS

DIRECTION SYSTEM

TYPE	RE-CIRCULATING BALLS
SYSTEM	HYDRAULICALLY ASSISTED

TIRES

AMOUNT	10 WHEELS(WITH RIMS)
EMERGENCY	1 WHEEL WITH RING AND SUPPORT BASE
NUMERATION	295/80 R22.5
NO. OF CANVASES	18
MAX LOAD PER WHEEL	3350KG
INFLATION PRESSURE	131PSI
TILLING DEPTH	20MM

ELECTRIC SYSTEM

RATED VOLTAGE	24V
NO. BATTERIES	2
BATTERY TYPE (EACH)	12V/165AH

MUD GUARD (REAR WHEELS)

MATERIAL	METAL
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ELECTRICAL SYSTEM INCLUDES

DAY LIGHTS	INCLUDES
HEADLIGHTS	INCLUDES
FRONT HALOGENS	INCLUDES
REAR LIGHTS	INCLUDES
DIRECTIONAL LIGHTS (FRONT AND REAR)	INCLUDES
REVERSING LIGHTS	INCLUDES
LATER HALOGENS	INCLUDES
STROBE LIGHT (1 ON CABIN)	INCLUDES
ELECTRIC HORN	INCLUDES
BACKUP ALARM	INCLUDES
CENTER LOCK	INCLUDES

CABIN

TYPE	FOLDING
MATERIAL	METAL (SHEET STEEL)
COLOR	WHITE OR TO BE SPECIFIED BY THE BUYER
PASSENGERS	2 (DRIVER AND PASSENGER)
PASSENGER SEAT	SEAT BELT (3 FIXING POINTS) AIR SUSPENSION PNEUMATICALLY ADJUSTABLE SEAT
DRIVER SEAT	SEAT BELT (3 FIXING POINTS) AIR SUSPENSION PNEUMATICALLY ADJUSTABLE SEAT

DASHBOARD AND GAUGES

FUEL GAUGE	INCLUDES
ENGINE OIL PRESSURE GAUGE	INCLUDES
AIR PRESSURE GAUGE	INCLUDES
BATTERY CHARGE INDICATOR	INCLUDES
FUEL LEVEL INDICATOR	INCLUDES
ENGINE TEMPERATURE GAUGE	INCLUDES
SPEEDOMETER	INCLUDES
ODOMETER	INCLUDES
TACHOMETER	INCLUDES

CABIN INCLUDES

RADIO (AM/FM + USB PORT + BLUETOOTH)	INCLUDES
HEATING / VENTILATION (4 SPEED SURROUND)	INCLUDES
WINDOWS (ELEVATION ELECTRIC MOTOR)	INCLUDES
A/C	INCLUDES
CONTROL PANEL	INCLUDES
STANDARD LIGHTS	INCLUDES
HALL LIGHTS	INCLUDES
LIGHTS IN DOORS	INCLUDES
COMPLETE KIT OF MIRRORS	INCLUDES
ELECTRIC REAR VIEW MIRRORS (ELECTRICALLY COLLAPSIBLE)	INCLUDES (OPTIONAL DEFROSTER)
BLIND SPOT MIRRORS	INCLUDES
STEERING COLUMN (ADJUSTABLE)	INCLUDES
CABIN LIFTING SYSTEM (ELECTRIC)	INCLUDES
NEBLINEROS	INCLUDES
3-SPEED WINDSHIELD WIPER (INTERMITTENT)	INCLUDES
CENTER CONSOLE WITH CUP HOLDER	INCLUDES

SIDE COLLECTION BOX

COLLECTING BOX

BRAND	YANWA
ORIGIN	CHINA
YEAR	2023
BOX CAPACITY	21.6 M3
HOPPER CAPACITY	6 M3
CHARGING WAY	SIDE
STRUCTURE TYPE	CLOSED
TAILGATE	
<ul style="list-style-type: none">● ATTACHED WITH HIGHLY DURABLE HINGES LOCATED AT THE TOP OF THE BOX● TWO HYDRAULIC CYLINDERS FOR OPENING AND CLOSING (WITH MECHANICAL AND HYDRAULIC BLOCKING, TO ALLOW SAFE WORK IN MAINTENANCE)● HIGH STRENGTH RUBBER SEAL FOR GATE SEALING	
COATING (PAINT)	
<ul style="list-style-type: none">● HIGH SOLIDS EPOXY PRIMER (ANTICORROSIVE)● HIGH PERFORMANCE POLYURETHANE PAINT AND HIGH SOLIDS● WHITE COLOR OR TO BE AGREED WITH THE BUYER	
COMPACTION CYCLES	11 SEC

THE STRUCTURAL CONFIGURATION OF THE YANWA COLLECTOR HAS A FLAT WALL DESIGN, WHICH HAS REINFORCEMENTS, THUS PROVIDING GREATER RESISTANCE. THE SMOOTH INTERNAL WALLS ALLOW OPTIMAL COMPACTION WORK. LIFTING SYSTEM FOR 700 LT AND 1100 LT CONTAINERS.

COMPACTOR

THE SYSTEM FEATURES HIGH-COMPACTION HYDRAULIC CYLINDERS AND HIGHLY DURABLE CHROME-PLATED RODS

COMPACTION GROUP COMPLETELY BUILT IN HARDOX

COMPACTION PRESS

DESIGN

SEPARATED FROM THE FLOOR OF THE HOPPER, THE PRESS ALSO HAS AN ANGLE OF INCLINATION SO THAT LEACHATE DOES NOT ACCUMULATE IN THE COMPACTION PRESS.

OPERATION SYSTEM

TYPE

ELECTROHYDRAULIC

SECURITY

IT HAS A PROTECTION MECHANISM, WHICH DETECTS IF THERE IS AN OVERPRESSURE IN THE HYDRAULIC CIRCUIT.

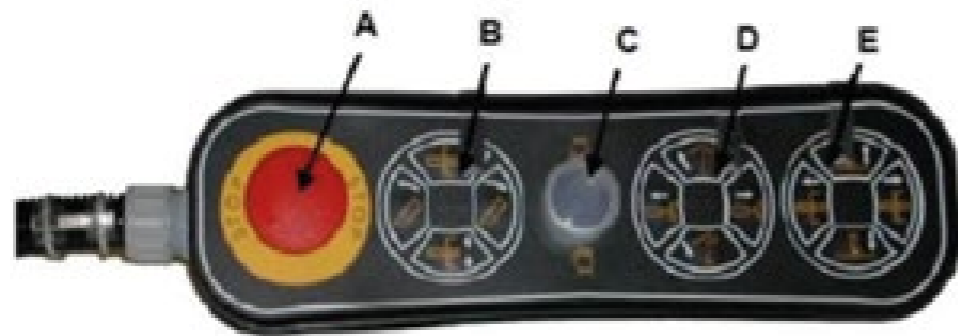
THE EQUIPMENT HAS A SAFETY BAR FOR PREVENTIVE WARNING OF OPERATION, WITH AN EMERGENCY STOP BUTTON IN CASE OF UNFORESEEN EVENTS.

CONTROL SYSTEM

JOYSTICK IN THE CABIN WITH TECHNOLOGY TO DETECT THE LOAD CAPACITY, IT HAS AN AUTOMATIC CYCLE FOR HOOKING, LIFTING AND UNLOADING THE CONTAINER.

MANUAL KEYPAD WITH CABLE AND QUICK PLUG, FOR EMERGENCY MANEUVERS, WHICH IS PLUGGED INTO THE RIGHT SIDE OF THE DRAWER TO ACTIVATE THE LIFTING MOVEMENTS AT A SAFE DISTANCE.

360° SYSTEM HAS 5 CAMERAS WITH NIGHT VISION SYSTEM (INFRARED), STRATEGICALLY LOCATED TO OFFER A PERFECT VIEW OF THE VEHICLE ENVIRONMENT WHILE DRIVING, AUTOMATIC PROJECTION ON THE TWO MONITORS ACCORDING TO THE WORK CYCLE PERFORMED



YOU ERASE THE LETTERS OF THE BUTTONS AND THE ARROWS

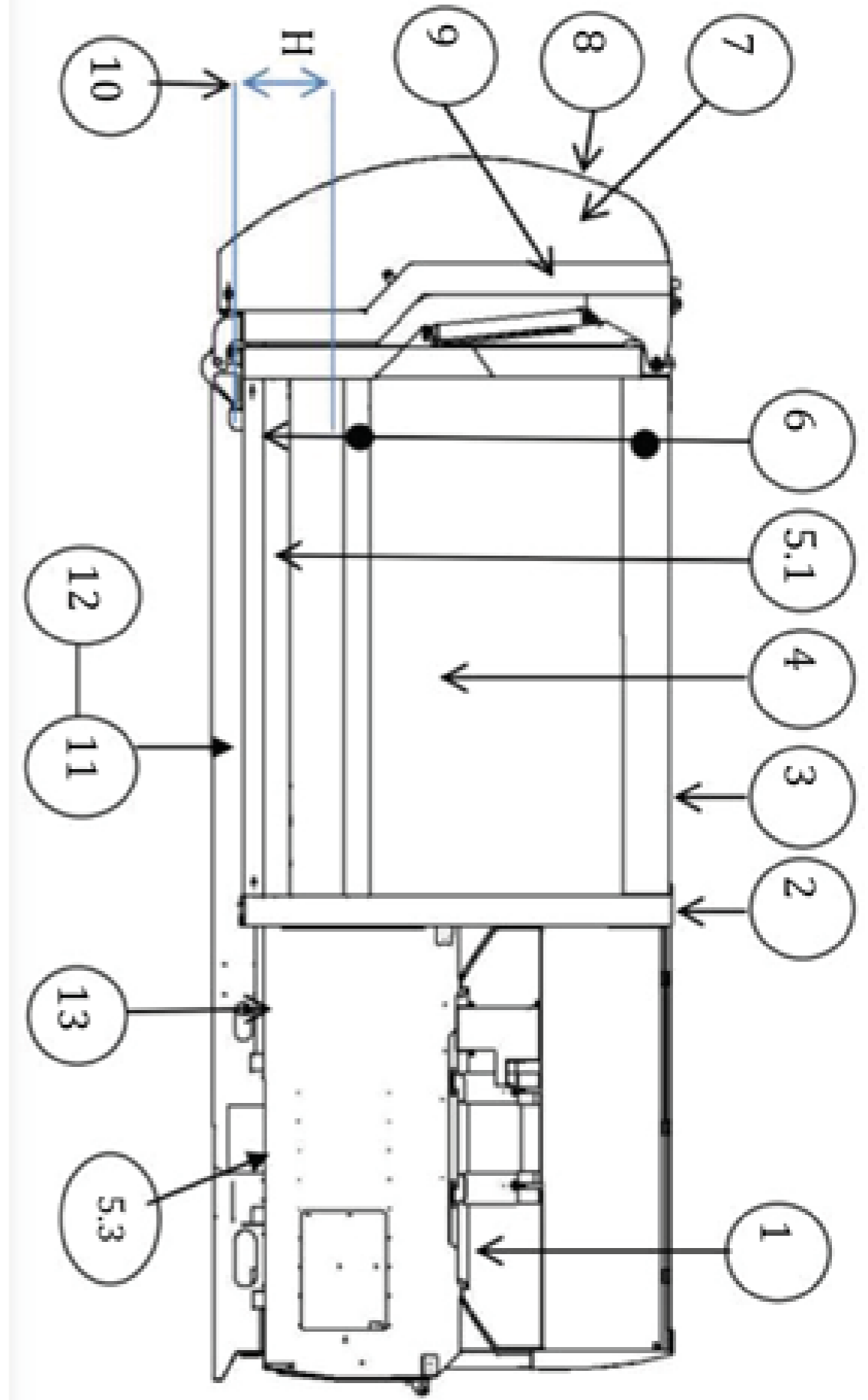
EXTERNAL DIMENSIONS OF THE DRAWER

BOX LENGTH + HOPPER AND SYSTEM COMPACTION	5440MM
REAR DOOR LENGTH	1120MM
BOX LENGTH	2900MM
COMPACTION SYSTEM LENGTH	2532MM
TOTAL LENGTH	6560MM
BOX WIDTH	2490MM
BOX HEIGHT	2900MM

ACCESSORIES

BLENDER	1 ON CABIN / 2 ON BOX
NIGHT WORK LIGHTS	2 LOCATED ON THE SIDE OF THE BOX
AUDIBLE ALARM (ACCORDING TO WORK OPERATIONS)	INCLUDES
LEACHATE TANK (TOTAL CAPACITY 257 LT, INCLUDES DISCHARGE VALVE)	ONE IN GATE ONE IN BOX
PTO SYSTEM	ELECTRIC PTO (CONTROLLED WITH ELECTRIC MOTOR)
RPM GOVERNOR	AUTOMATIC SYSTEM, FOR BETTER EFFICIENCY OF THE PTO SYSTEM
MANUAL OPERATION OF THE LIFTING SYSTEM	INCLUDES EMERGENCY CONTROL IN CASE OF UNFORESEEN EVENTS IN OPERATION
SAFETY VALVES	COUPLED TO EACH OF THE MOVEMENTS OF THE HYDRAULIC SYSTEM
GREASING TYPE	AUTOMATIC

NO.	DESCRIPTION	MATERIAL	THICKNESS (MM)	ELASTIC LIMIT
1	MOBILE GATE	S700MC	3	950N/MM2
2	CEILING	S355JR	3	520N/MM2
3	UPPER REINFORCEMENTS	FAITH 510	5	520N/MM2
4	SIDES AND REINFORCEMENTS	S355JR	5	520N/MM2
5.1	FRONT ZONE FLOOR	HARDOX 500	8	1400 N/MM2
5.2	DRAWER INTERIOR FLOOR	HARDOX 450	5	1400 N/MM2
6	BOX BEAMS	S355JR – S700MC	3	520 N/MM2 - 950 N/MM2
7	SIDE PLATES	S355JR – S700MC	3	520 N/MM2 - 950 N/MM2
8	CENTER PLATES	S355JR	4	520N/MM2
9	TAILGATE BEAMS	S355JR-S700MC	3	520 N/MM2 - 950 N/MM2
10	DRAWER SIDES - H	S700MC	3	950N/MM2
ELEVEN	FALSE FRAME	S355JR-S700MC	4	520 N/MM2 - 950 N/MM2
12	SUPPORT STAND	S355JR	3	520N/MM2
13	GUIDES	S700MC	4	950N/MM2



TOOLS (1 KIT PER ROAD TEAM - TIPPER)

HYDRAULIC BOTTLE JACK	20 TONS 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 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 50 CM EACH SIDE FLUORESCENT SURFACE ABS MATERIAL RED REFLECTIVE PLATE POLYETHYLENE BASE (WEIGHT 2KG)



