



# MINI LOADER

# DSL902



# SHEET OF MINI LOADER

|                    |                     |
|--------------------|---------------------|
| AMOUNT             | 1                   |
| BRAND              | YANWA               |
| MODEL              | DSL902              |
| ORIGIN             | CHINA               |
| YEAR               | 2023                |
| OPERATIONAL WEIGHT | 7,407 LB (3,360 KG) |

## ENGINE

|                         |                  |
|-------------------------|------------------|
| BRAND                   | CUMMINS          |
| MODEL                   | B3,3-75          |
| CYLINDERS               | 4 IN LINE        |
| COMBUSTION              | INTERNAL 4 TIMES |
| FUEL                    | DIESEL           |
| MAXIMUM TORQUE (TRIQUE) | 262NM AT 1600RPM |
| INJECTION SYSTEM        | DIRECT           |
| CYLINDER CAPACITY       | 3300CC           |
| NET POWER               | 75HP@2600        |
| TORQUE                  | 87 NM @ 1200RPM  |
| FUEL TANK CAPACITY      | 85LT             |
| EMISSIONS SYSTEM        | TIER 2           |
| SUCTION SYSTEM          | TURBO CHARGER    |
| RADIATOR COOLING        | WATER/COOLANT    |



## HYDRAULIC SYSTEM

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PUMP TYPE VARIABLE DISPLACEMENT PISTON

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WORK PRESSURE 3300PSI

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STANDARD FLOW HYDRAULIC PUMP 22.5 GPM (85 L/MIN)

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HYDRAULIC AUXILIARY LINE INCLUDED (FOR ACCESSORIES)

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HYDRAULIC OIL COOLING  
FORCED AIR - RADIATOR AND INTELLIGENT  
FAN WITH UPPER AIR INTAKE AND SIDE AIR OUTLET

## TRANSMISSION

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TRACTION 4X4 (4 WHEELS)

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NO. OF SPEEDS 1

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TYPE HYDROSTATIC/TANDEM PUMP

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HIGH SPEED 12 KM/H (FORWARD AND REVERSE)

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AXES MAINTENANCE FREE WITH AUTO  
LUBRICATION

## WHEELS

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FRONT DIMENSIONS 12-16.5, 12PR  
MAX LOAD 2865KG

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LATER DIMENSIONS 12-16.5, 12PR  
MAX LOAD 2865KG

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AMOUNT 4 + 1 EMERGENCY (INCLUDES  
WHEELS AND RINGS)

## BOX OF CHAINS

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- CHAIN
- TYPE: HIGH STRENGTH PRESTRESSED
  - OPERATION: OIL BATH AND CONTINUOUS LUBRICATION
  - AUTOMATIC ADJUSTMENT - FREE FROM PERIODIC ADJUSTMENT

## BRAKES

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PARKING BREAK ELECTRIC TYPE  
SPRING LOADED  
EASY MAINTENANCE LOCK

## TRANSFER AND MOVEMENT CONTROL

|        |                                   |
|--------|-----------------------------------|
| LEVERS | WHEEL SPEED AND DIRECTION CONTROL |
|--------|-----------------------------------|

|        |   |
|--------|---|
| PEDALS | CONTROL OF LOADER FUNCTIONS (LIFT OF ARMS AND TILT OF THE BUCKET) |
|--------|---|

## CHARGER

RADIAL LIFT TYPE

|      |           |
|------|-----------|
| TYPE | HYDRAULIC |
|------|-----------|

|          |        |
|----------|--------|
| CONTROLS | PEDALS |
|----------|--------|

|  |         |
|--|---------|
| LOADER BUCKET CAPACITY (LOADER VOLUME) | 0.61 M3 |
|--|---------|

|               |        |
|---------------|--------|
| BUCKET WIDTH) | 1800MM |
|---------------|--------|

|             |        |
|-------------|--------|
| LIFT HEIGHT | 3967MM |
|-------------|--------|

|                              |        |
|------------------------------|--------|
| LIFT HEIGHT TO BUCKET PINION | 3100MM |
|------------------------------|--------|

|                              |        |
|------------------------------|--------|
| LIFT HEIGHT TO BUCKET PINION | 3100MM |
|------------------------------|--------|

|                             |       |
|-----------------------------|-------|
| DUMP ANGLE (MAXIMUM HEIGHT) | 53.5° |
|-----------------------------|-------|

|                  |           |
|------------------|-----------|
| LOADING CAPACITY | 2300 LBS. |
|------------------|-----------|

|              |           |
|--------------|-----------|
| TIPPING LOAD | 5000 LBS. |
|--------------|-----------|

|                |                                 |
|----------------|---------------------------------|
| BREAKOUT FORCE | ARM 5090 LBF<br>8585 LBF BUCKET |
|----------------|---------------------------------|

## ELECTRIC SYSTEM

PROTECTION: CIRCUIT WITH PROTECTED CONNECTIONS IN ALL EXPOSED AREAS

|            |         |
|------------|---------|
| ALTERNATOR | 12 VOLT |
|------------|---------|

|         |             |
|---------|-------------|
| BATTERY | 12V 1000CCA |
|---------|-------------|

|            |     |
|------------|-----|
| ALTERNATOR | 95A |
|------------|-----|

ELECTRICAL SYSTEM (LIGHTING TO FACILITATE NIGHT WORK)

|  |          |
|--|----------|
| NIGHT WORK LIGHTS (2 FRONT HALOGEN HEADLIGHTS / 2 REAR HALOGEN HEADLIGHTS) | INCLUDES |
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|   |          |
|---|----------|
| REAR LIGHTS FOR NIGHT WORK (2 LED WARNING AND INDICATOR LIGHTS) | INCLUDES |
|---|----------|

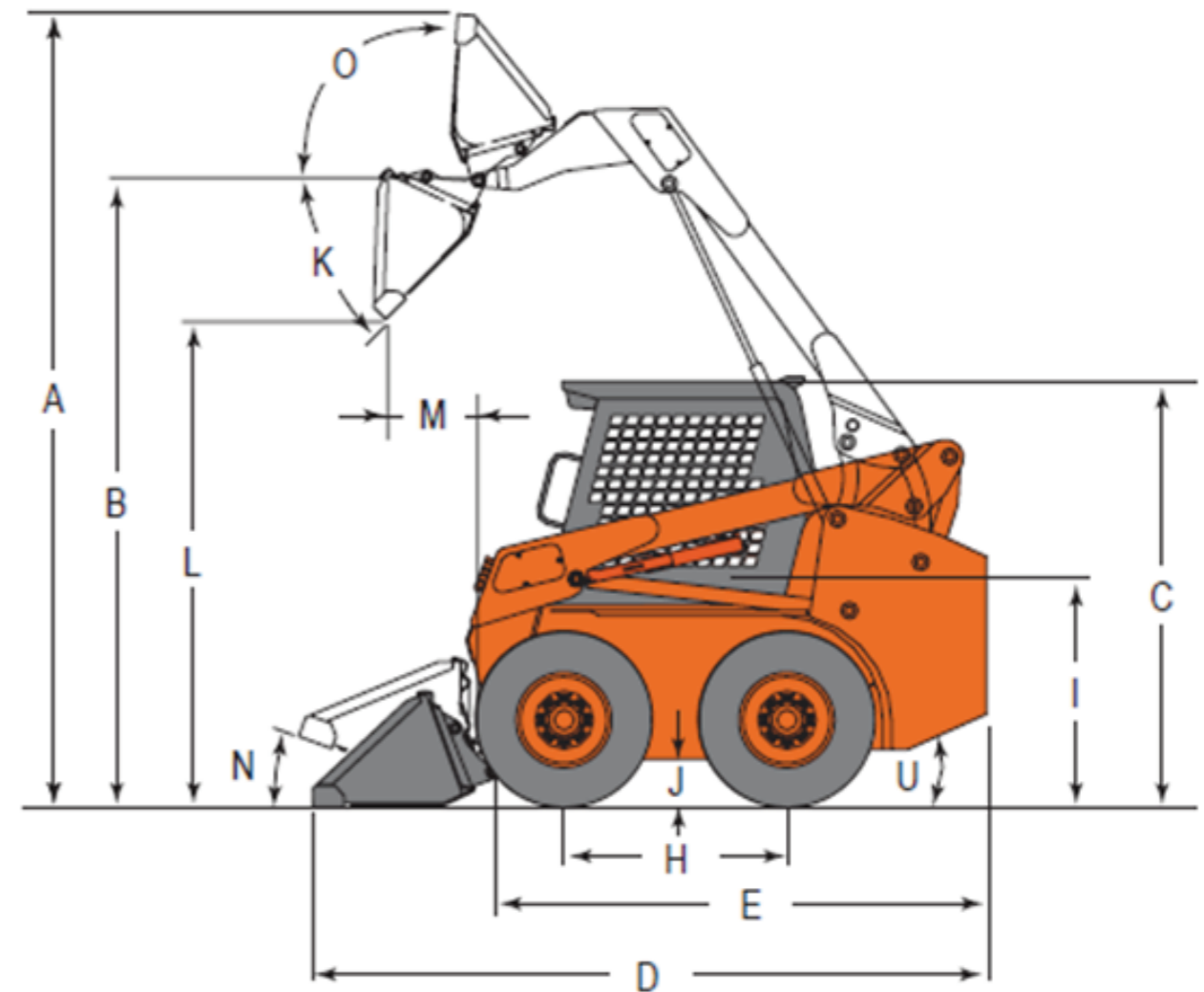
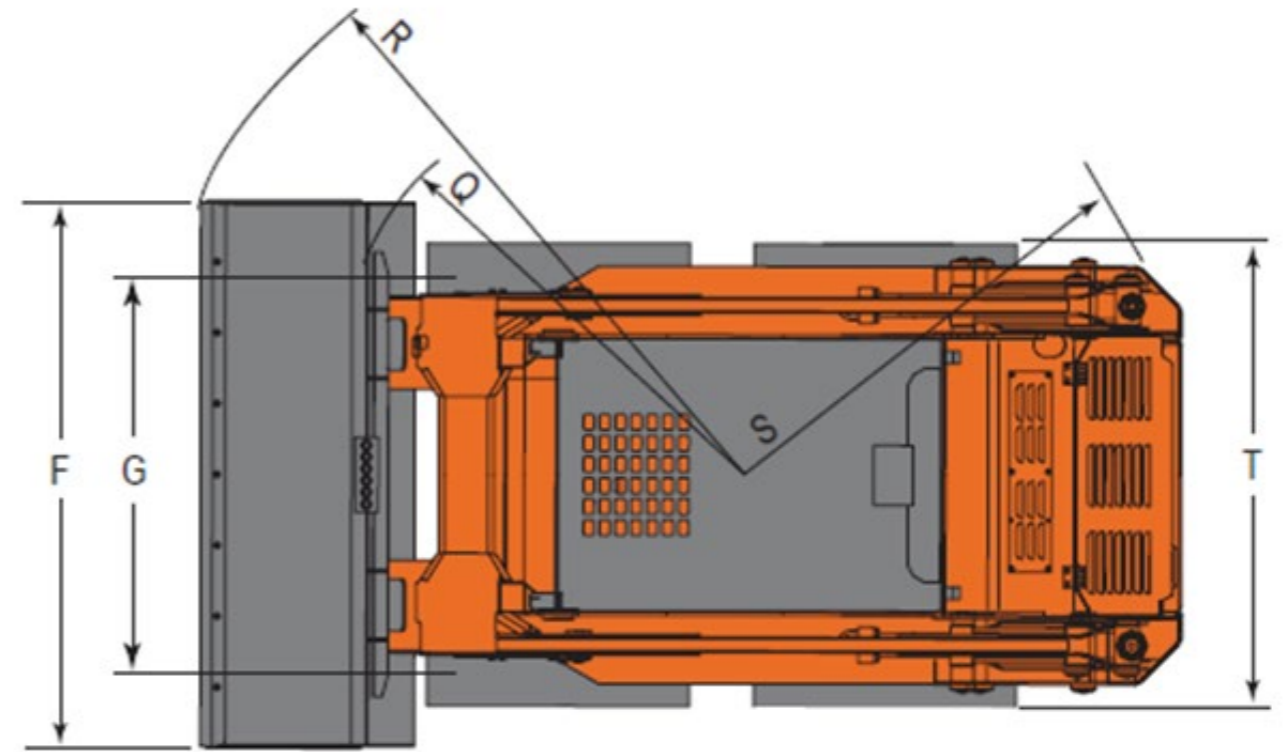
|               |          |
|---------------|----------|
| ELECTRIC HORN | INCLUDES |
|---------------|----------|

|                                |          |
|--------------------------------|----------|
| HORN FORWARD AND REVERSE ALARM | INCLUDES |
|--------------------------------|----------|

|                            |          |
|----------------------------|----------|
| STROBE LAMP FOR NIGHT WORK | INCLUDES |
|----------------------------|----------|

## OVERALL DIMENSIONS

|   |         |
|---|---------|
| A - HEIGHT WITH BOOM EXTENDED           | 3967MM  |
| B - LIFT HEIGHT TO BUCKET PINION        | 3100MM  |
| C - ROPS HEIGHT                         | 2,035MM |
| D - LENGTH WITH BUCKET                  | 3,200MM |
| D - LENGTH WITHOUT BLADE                | 2,543MM |
| F - WIDTH WITH SHOVEL                   | 1,800MM |
| G - TRACK WIDTH                         | 1,350MM |
| H - WHEELBASE                           | 1061MM  |
| I - SEAT HEIGHT                         | 1,040MM |
| J - GROUND CLEARANCE                    | 218MM   |
| K - ANGLE OF INCLINATION                | 44°     |
| L - TIPPING HEIGHT                      | 2,378MM |
| M - MAXIMUM FIRING RANGE                | 694MM   |
| N - MAXIMUM ROLLING ANGLE ON THE GROUND | 26°     |
| O - MAXIMUM DEPLOYMENT                  | 94°     |
| Q - TURNING RADIUS WITHOUT BUCKET       | 1,146MM |
| R - RADIUS OF GYRATION WITH BUCKET      | 1,939MM |
| S - TURNING CIRCLE - REAR               | 1,570MM |
| T - WIDTH WITHOUT BLADE                 | 1,662MM |
| U - GRADE APPROACH ANGLE                | 28°     |



## CABIN

|                                      |                                     |
|--------------------------------------|-------------------------------------|
| CABIN                                | CLOSED                              |
| FOR CABIN                            | ROPS /FOPS WITH SIDE SCREENS        |
| FOR STRUCTURE                        | ROPS /FOPS TILTING                  |
| ADJUSTABLE SEAT (VINYL)              | INCLUDES (ERGONOMIC AND ADJUSTABLE) |
| SEAT BELT                            | INCLUDES                            |
| SECURITY LOCKOUT SYSTEM              | INCLUDES                            |
| VENTILATION                          | INCLUDES                            |
| A/C                                  | INCLUDES                            |
| WIPER WASHER                         | INCLUDES                            |
| WINDSCREEN WASHER PUMP AND RESERVOIR | INCLUDES                            |

## DASHBOARD

|   |          |
|---|----------|
| DIGITAL HOUR METER                            | INCLUDES |
| DIGITAL TACHOMETER                            | INCLUDES |
| FUEL LEVEL INDICATOR                          | INCLUDES |
| FUEL LEVEL GAUGE                              | INCLUDES |
| BATTERY VOLTAGE READING                       | INCLUDES |
| ALERT LIGHTS WITH ALARM                       |          |
| ENGINE FLUID TEMPERATURE                      | INCLUDES |
| ENGINE PREHEAT                                | INCLUDES |
| ENGINE OIL PRESSURE                           | INCLUDES |
| BLOCKAGE IN THE AIR FILTER                    | INCLUDES |
| HYDRAULIC CHARGING PRESSURE                   | INCLUDES |
| BLOCKAGE IN THE HYDRAULIC OIL FILTER          | INCLUDES |
| HYDRAULIC OIL TEMPERATURE                     | INCLUDES |
| PARKING BREAK                                 | INCLUDES |
| HYDRAULIC OIL TEMPERATURE                     | INCLUDES |
| AUDIBLE ALARM FOR WARNING OF GENERAL FAILURES | INCLUDES |

— THE YANWA CHARGER HAS AN EQUIPMENT MONITORING SYSTEM TO PREVENT EQUIPMENT FAILURES, WHICH HAS A CENTRAL CONTROLLER. IN ADDITION, WHEN IT DETECTS A FAILURE THAT MAY AFFECT THE PROPER FUNCTIONING OF THE EQUIPMENT, IT WILL IMMEDIATELY SHUT DOWN THE EQUIPMENT TO AVOID CATASTROPHIC DAMAGE.

— THE CENTRAL COMPUTER HAS STATE-OF-THE-ART SOFTWARE, THE SAME ONE THAT INDICATES TO THE OPERATOR WHEN PREVENTIVE MAINTENANCE OF THE EQUIPMENT MUST BE CARRIED OUT, IT ALSO HAS A SYSTEM THAT WILL INDICATE EQUIPMENT FAILURES THROUGH CODES.

## TOOLS (1 KIT PER MINI LOADER)

|                          |  |
|--------------------------|--|
| HYDRAULIC BOTTLE JACK    | 5 TONS<br>ACTION LEVER<br>JACK KEY   |
| TYPE I WHEEL WRENCH      | 32X30<br>FORCE LEVER   |
| TOOLBOX                  | PLIERS<br>SCREWDRIVER<br>PHILLIPS SCREWDRIVER<br>10" SPANNER<br>COMBINATION WRENCHES<br>(10 TO 23)MM   |
| EXTINGUISHER             | PQS TYPE<br>CLASS A,B,C FIRES<br>2 KG  |
| MEDICINE CABINET         | ANTISEPTIC ALCOHOL<br>OXYGENATED WATER<br>POROUS ADHESIVE TAPE<br>GAUZE<br>COTTON<br>BANDAGE (1 TRIANGULAR<br>-1 LONGITUDINAL)<br>SCISSORS<br>ANALGESICS (PARACETAMO<br>IBUPROFEN)<br>GLOVES |
| FLASHLIGHT               | LED TYPE   |
| SAFETY TRIANGLES 2 UNITS | 2 UNITS<br>50 CM EACH SIDE<br>FLUORESCENT SURFACE<br>ABS MATERIAL<br>RED REFLECTIVE PLATE<br>POLYETHYLENE BASE<br>(WEIGHT 2KG)   |

