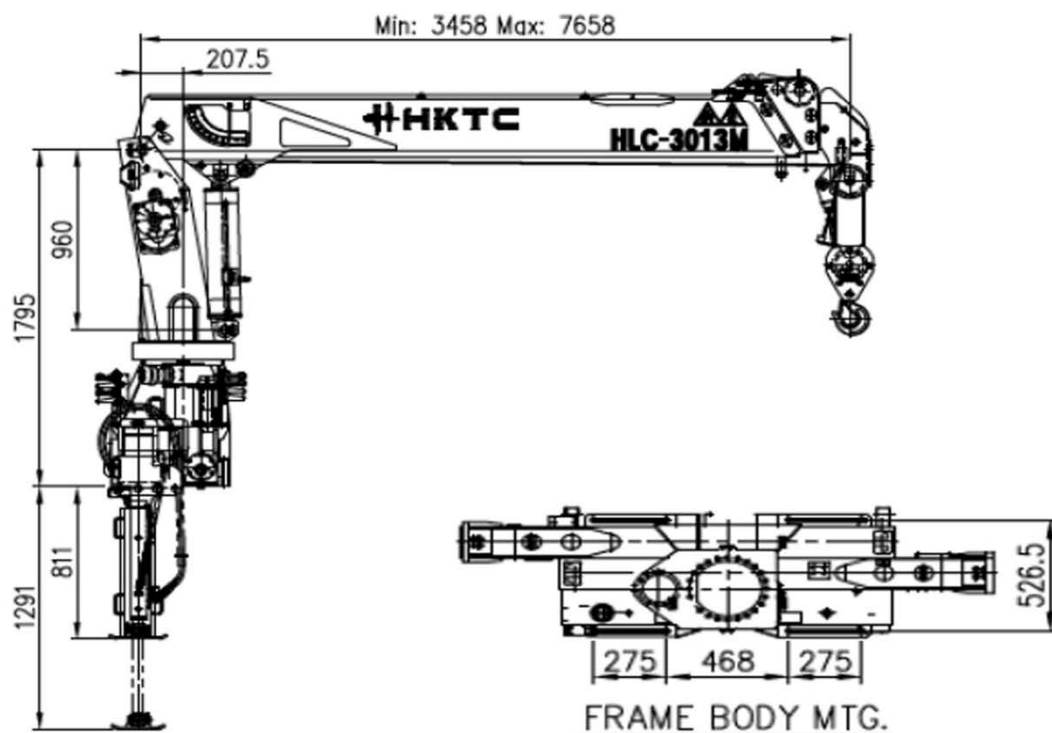




MODEL HLC-3013M

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HLC-3013M



SPECIFICATIONS

PERFORMANCE

- ❖ MAX LIFTING CAPACITY: 8.0 (TON/M)
- ❖ MAX LIFTING HEIGHT : 9.5 (M)
- ❖ MAX WORKING RADIUS : 7.5 (M)
- ❖ MAX WORK HEIGH : 9.5 (M)
- ❖ CRANE CAPACITY : 3.2 (TON)
- ❖ LIFTING CAPACITY : 3,200 KG/2.5M

BOOM

- ❖ SHAPE : HEXOGONAL
- ❖ SECTION : 03
- ❖ ANGEL : 0° - 80°

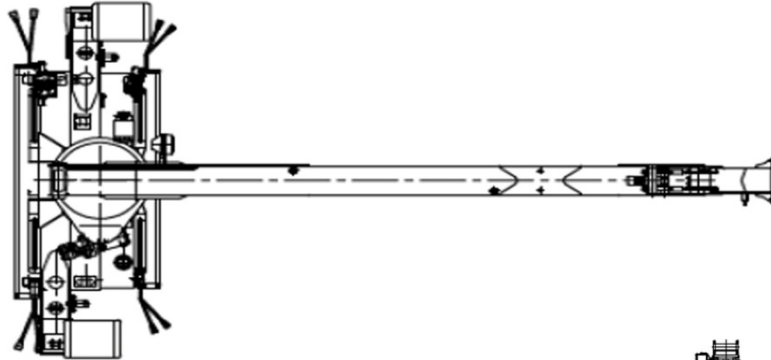
BODY

- ❖ SLEWING TYPE : WORN GEAR REDUCTION
- ❖ SLEWING ANGLE : 360°
- ❖ SLEWING SPEED : 2RPM

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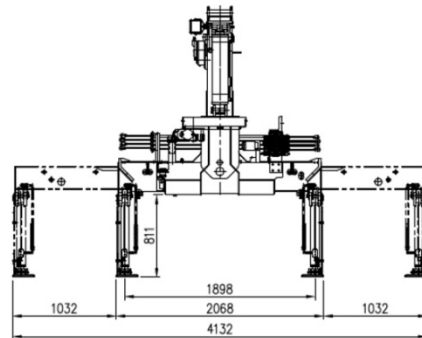


WINCH

- ❖ TYPE : SPUR GEAR REDUCTION & MECHANIC BRAKE
- ❖ WIRE ROPE : DIA 8 X 70
- ❖ SAFETY DEVICE: HOOK SAFETY LATCH

HYDRAULIC FLUIDS

- ❖ RATED FLOW : 45L/MIN @ 1000RPM
- ❖ RATED PRESSURE : 210 KGF
- ❖ OIL TANK : 50L



OUTRIGGER

- ❖ OUTRIGGER NO. : 2 (MAIN:02)
- ❖ OUTRIGGER TYPE : MANUAL, VERTICAL BY HYDRAULIC
- ❖ MAX. SPAN : 4,132M

SAFETY DEVICES

- ❖ PRESSURE RELIEF VALVE
- ❖ COUNTER BALANCE VALVE
- ❖ PILOT-OPERATED CHECK VALVE
- ❖ BOOM ANGLE INDICATOR
- ❖ HOOK SAFETY LATCH
- ❖ MECHANICAL WINCH BRAKE
- ❖ EMERGENCY STOP SWITCH
- ❖ WARNING ALARM
- ❖ OVER-WINDING ALARM

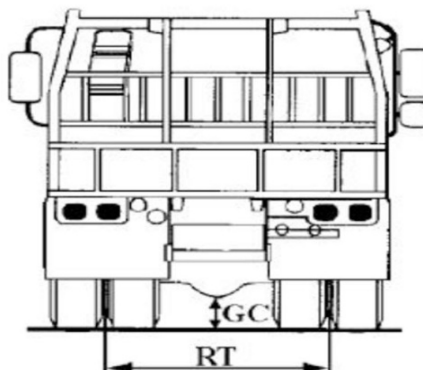
OPTION

- ❖ AUTOMATIC MOMENT LIMITER
- ❖ STEEL BUCKET
- ❖ TEMPERATURE SENSOR
- ❖ OIL COOLER
- ❖ REAR OUTRIGGER
- ❖ OVER WINDING PREVENTION
- ❖ OVER LOADIND PREVENTION
- ❖ WIRE - SEPERATION PREVENTION

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F3CBF-8.5 TON CARGO, SHT, FAB-2000

ENGINE

❖ MODEL	: DE08TIS
❖ Type	: TURBO INTERCOOLER, DIESEL
❖ MAX. POWER	: 225ps (165kW) @ 2,300 rpm
❖ MAX. TORQUE	: 82KG.m(804Nm) @1,200 rpm
❖ NO. OF CYLINDER	: IN LINE 6 CYLINDER
❖ BORE x STROKE	: 111 x 139 (mm)
❖ DISPLACEMENT	: 8,071 (cc)
❖ CONTROLLER TYPE	: MECHANICAL
❖ AIR CLEANER	: DRY PAPER ELEMENTS

TRANSMISSION

❖ MODEL	: T9S6
❖ TYPE	: F6/R1
❖ 1ST	: 7.076
❖ 2ND	: 4.777
❖ 3RD	: 2.640
❖ 4TH	: 1.575
❖ 5TH	: 1.000
❖ 6TH	: 0.744
❖ REVERSE	: 6.720

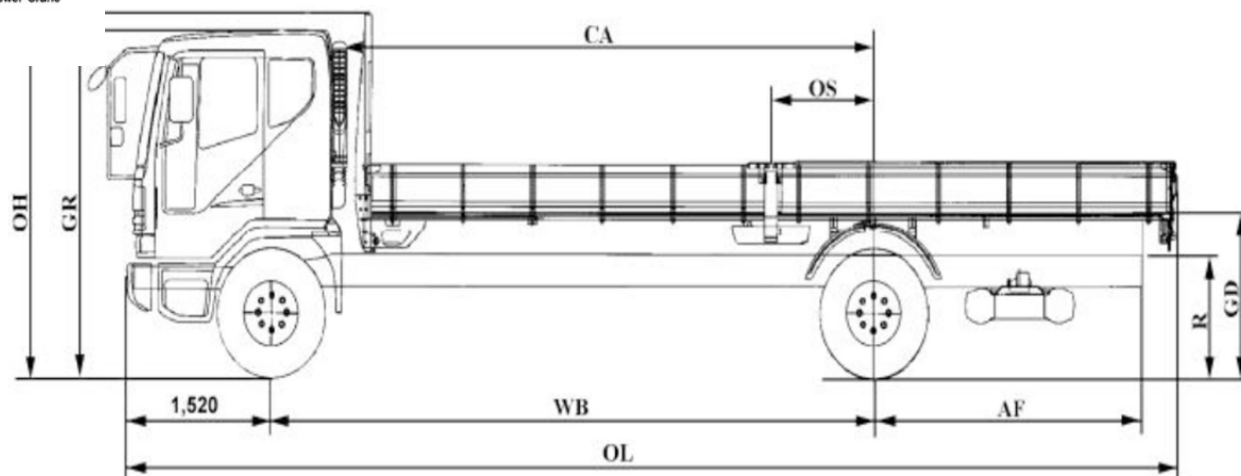
AXLE

❖ FRONT	REVERSE ELLIOT "I" BEAM CAPACITY: 6,500 KG
❖ REAR	BANJO SINGLE REDUCTION FINAL DRIVE RATIO: 5.571 CAPACITY: 11,500 KG

STEERING

❖ DRIVING POSITION	: LEFT (RIGHT)- HAND DRIVE
❖ TYPE	: RECIRCULATING BALL WITH INTEGRAL POWER ASSISTED BY OIL
❖ STEERING COLUMN	: TILT AND TELESCOPIC
❖ STEERING WHEEL	: 2-SPOKE WHEEL WITH HORN BUTTON

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DIMENSIONS (MM)

❖ OL	OVERALL LENGTH	: 7,470
❖ OW	OVERALL WIDTH	: 2,490
❖ OH	OVERALL HEIGHT	: 3,080
❖ FR	TREAD-FRONT	: 2,050
❖ RT	TREAD-REAR	: 1,855
❖ WB	WHEEL BASE	: 4,030
❖ AF	REAR AXLE TO FRAME	: 1,600
❖ GR	GROUND TO ROOF	: 2,905
❖ R	FRAME-GROUND ABOVE BOGIE	: 1,070
❖ CA	USABLE CAB TO AXLE	: 3,280
❖ OS	DECK OFFSET	: 680
❖ GD	GROUND TO DECK FLOOR	: 1,380
❖ GC	MIN. GROUND CLEARANCE	: 265
❖	DECK INSIDE LENGTH	: 5,000
❖	DECK INSIDE WIDTH	: 2,350
❖	DECK INSIDE HEIGHT	: 450
❖		

FUEL TANK

- ❖ MOUNTED ON RIGHT-HAND SIDE UNDER THE FRAME
- CAPACITY – 200 LITER

ELECTRICAL SYSTEM

- ❖ BATTERIES : 12 VOLT-150Ahx2
- ❖ ALTERNATOR : 24 VOLT/80 amp
- ❖ STARTER : 24 VOLT/4.5kW

BRAKES

- ❖ SERVICE : FULL AIR BRAKE, DUAL CIRCUIT
- ❖ DRUM DIA : 410 MM
- ❖ LINING FRONT : 414 x 155 MM
- ❖ LINING REAR : 414 x 203 MM
- ❖ MATERIAL : NON-ASBESTOS
- ❖ PARKING : SPRING ACUATED AT REAR WHEELS
- ❖ AUXILIARY : EXHAUST BRAKE

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WEIGHTS (KG)

❖ CHASIS WEIGHT	FRONT	: 3,730
	REAR	: 1,850
	TOTAL	: 5,580
❖ CURB WEIGHT		: 6,870
❖ NOMINAL PAYLOAD		: 8,500
❖ AXLE LOAD	FRONT	: 6,500
	REAR	: 11,500
❖ PERMISSIBLE PAYLOAD		: 12,420
❖ PERMISSIBLE G.V.W		: 18,000

CLUTCH

TYPE	HYDRAULIC CONTROL WITH AIR ASSISTED DRY SINGLE PLATE WITH COIL SPRING
PLATE DIAMETER	OUT SIDE DIAMETER: 430 mm

SUSPENSION

FRONT SUSPENSION	Type: Semi-Elliptical Leaf Spring Size (L x W): 1,500 x 90 (mm)
Rear Suspension	Type: Semi-Elliptical Leaf Spring Size (L x W): 1,420 x 100 (mm)

CALCULATED PERFORMANCE

MAX. SPEED (km/h)	111
MAX. GRADEABILITY (%)	30.9
Min. turning radius (m)	7.1

FRAME

Type	Ladder Type, Single Channel
Size (H x V x t)	286 x 90 x 7 (mm)
Towing Hook	Equipped Front & Rear

H
L
C
3
0
1
3
M



Over center valve

By high-quality over-center valve, durability is improved. Overload can be controlled by pressure switch.



Hoist Winch

For safety, automatic mechanical brake is equipped and running noise is small.



Over-hoisting prevention device

By wireless over-hoisting prevention device, it can prevent damage and breakdown of wire and reel.



Top seat console

Optimally & ergonomically designed top seat console guarantees all day comfort to operator.



Slewing reduction gear

For smooth but powerful operation, hydraulic internal brake and worm reduction gear are equipped.



Main outrigger

180° slewing type of main outriggers help protect against damage during the drive.

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