

415 LPDT

TECHNICAL SPECIFICATIONS:

| SR. NO. | PARTICULARS | DETAILS |
|---------|---------------------|--|
| 1 | MODEL | 415 LPDT |
| 2 | PAYLOAD CAPACITY | 15000 Kg |
| 3 | OPERATING WEIGHT | 15000 Kg |
| 4 | BUCKET VOLUME (SAE) | HEAPED – 8.2 CUM |
| 5 | PRIME MOVER | DIESEL ENGINE MAKE – DEUTZ MODEL - F8L413FW POWER RATING - 136/185 (KW/HP)@2300 RPM @1000 Ft (MSHA Rating) |
| 6 | AIR INTAKE | DRY TYPE AIR CLEANER |
| 7 | EXHAUST | ENGINE CONTROL SYSTEM make CATALYTIC TYPE CONDITIONER |
| 8 | TRANSMISSION | MAKE – CLARK MODEL – 13.7 MHR 32421 , POWERSHIFT TYPE SPEED – 4 (FORWARD & REVERSE) 1 st gear – 5.1 km/ hr 2 nd gear – 10.3 km/ hr 3 rd gear– 17.3 km/ hr 4 th gear– 28.7 km/ hr |
| 9 | AXLES | <u>FRONT – 01 NO.</u> MAKE- CLARK MODEL –16D2149, POSI-TORQ WITH SPRINGS, PLANETARY TYPE WITH LCB RATIO - 26.118:1 <u>REAR– 01 NO.</u> MAKE- CLARK MODEL –16D2149, POSI-TORQ WITH SPRINGS, PLANETARY TYPE WITH LCB RATIO - 26.118:1 |
| 10 | TYRE | TYPE – TUBE TYPE, EXTRA TREAD FOR MINING SIZE – 14.00 X 25 PLY RATING –24 |
| 11 | HYDRAULIC SYSTEM | CYLINDERS: |

- STEERING – ONE DOUBLE ACTING
- DUMPING – ONE DOUBLE ACTING TELESCOPIC

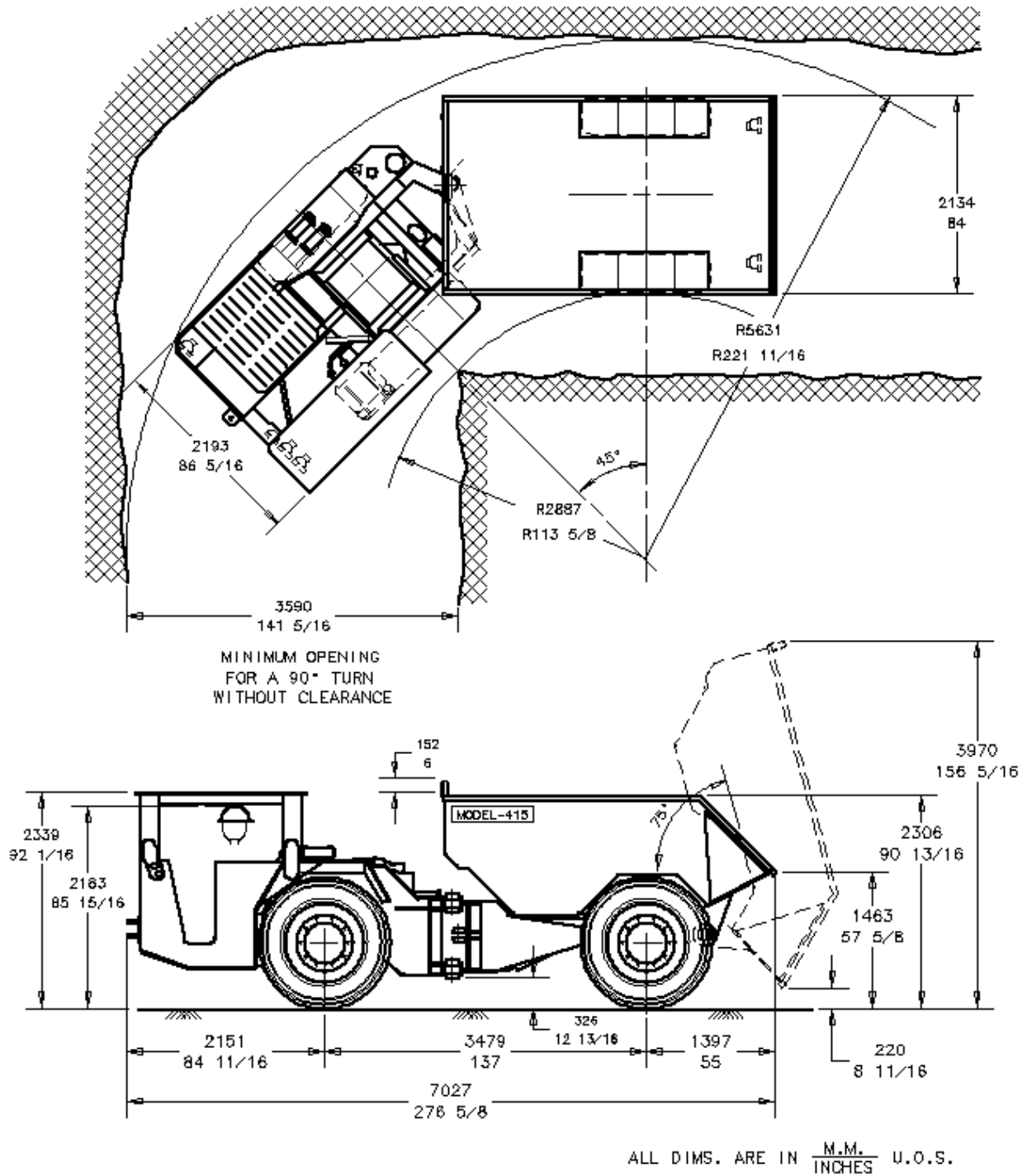
PUMP :
GEAR TYPE

- FILTER:
- 40 MESH SUCTION
 - 10 MICRON RETURN

- ACCUMULATOR : (PISTON TYPE)
- FRONT & REAR SERVICE BRAKE EACH
 - SOURCE (STEERING)

| | | |
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| 12 | TANK | HYD TANK -125 Liter FUEL TANK – 150 Liter |
| 13 | BRAKES | SERVICE BRAKES-TOTALLY ENCLOSED,LCB WET DISC TYPE BRAKE ON ALL FOUR WHEELS PARK BRAKE – SAHR TYPE DISC BRAKE ON REAR AXLE |
| 14 | STEERING | CENTER ARTICULATED WITH 45° IN EITHER DIRECTION |
| 15 | OSCILLATION | 8° ON EITHER SIDE (VERTICAL) |
| 16 | SEATING | CROSS SEATING |
| 17 | ELECTRIC SYSTEM | 24 V SYSTEM 60 Amps DELCO REMY make ALTERNATOR FOUR FRONT & TWO REAR LIGHTS |

OVERALL DIMENSIONS:



DIMENSIONS ARE APPROXIMATE AND APPLY ONLY TO STANDARD MACHINES