

918H



SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.

Rated Power:60kW@2400rpm

Operating Weight:6000kg Rated Bucket Capacity:1.1m³



- YTO diesel engine is adopted, with strong power.
- Applying hydrodynamic transmission technology, single stage, 3 elements torque converter owns simple structure and high reliability.
- Controlled by flexible shaft, hydraulic power shift gearbox with 2 forward and 2 reverse gears makes operation easy.
- Single pump, split flow working hydraulic system makes lower consumption and excellent performance.



国机重工集团国际装备有限公司
SINOMACH-HI INTERNATIONAL EQUIPMENT CO.,LTD.

918H WHEEL LOADER MAIN SPECIFICATIONS



发动机 Engine

型号.....一拖LR4B3-G92X2A
 Model.....YTO LR4B3-G92X2A
 型式.....直喷, 自然吸气, 水冷
 Type.....Direct injection. Natural Aspirate. Water cooling
 额定功率 Rated Power.....60kW
 额定转速 Rated Speed.....2400rpm/min
 最低燃油消耗率 Min.fuel Consumption.....≤242g/kW.h
 最大扭矩 Max.Torque.....286N.m



变速系统 Transmission System

变矩器型式.....三相单级
 Torque converter type.....3-elements.single stage
 冷却方式.....油冷压力循环式
 Cooling ways.....Oil cooling. pressure circulating
 变速箱型式.....机械操纵定轴式动力换挡
 Transmission type.....Mechanical control Fixed shaft-power shift
 档位 (前进档/后退档)前二后二
 Shifts(Forward/reverse).....F2/R2
 前进行驶速度 km/h 10 27
 Forward traveling speed
 后退行驶速度 km/h 10 27
 Reverse traveling speed



驱动桥和主传动 Axles and Main Drive

驱动系统.....四轮驱动
 Drive system.....Four-wheel driving
 前后桥主传动型式.....螺旋伞齿轮一级减速
 Main drive type.....One spiral bevel gear. stillge, one-stage
 减速比 Gear ratio.....5.83
 轮边减速型式.....单级行星轮
 Hub reduction.....Single stage planetary
 减速比 Gear ratio.....4.4
 最大爬坡能力 Max. grade ability.....25°



工作装置 Work Equipment

卸高 (45° 卸载角度)2750mm
 Dumping clearance (at dumping angle 45°).....2750mm
 卸距 (45° 卸载角度)920mm
 Dumping reach (at dumping angle 45°).....920mm



转向系统 Steering System

型式.....车架铰接, 全液压转向
 Type.....Middle articulated frame. Full-hydraulic Steering
 转向角 Steering angle.....±35°
 最小转弯半径 Min.steering radius.....4600mm
 转向油缸数-缸径×行程.....2-Φ63×300mm
 Steering cylinders inner Bore×Stroke.....2-Φ63×300mm
 工作压力 Operation pressure.....16MPa



制动系统 Brake System

脚制动型式: 气顶油, 钳盘式四轮制动
 Travel brake type over hydraulic caliper disc brake,
 activate 4-wheel brake
 手制动型式: 软轴
 Service brake type:Flexible Shaft



工作液压系统 Working Hydraulic System

型式 Type.....软轴操纵 (可选装单手柄先导操纵)
 油缸数量-缸径×行程 No. of Cylinders-Bore×Stroke
 举升油缸 Lift cylinder.....2-Φ80×530mm
 翻斗油缸 Dump cylinder.....1-Φ100×380mm
 系统工作压力 System operation pressure.....16MPa
 提升时间 Lifting time.....4.5s
 下降时间 Lowering time.....3s
 卸载时间 Dumping time.....1s



轮胎 Tyre

根据工作情况选择合适轮胎
 Choose suitable tyre according to situations
 标准车 Standard tyre.....16/70-20PR



再注容量 Refill Capacity

燃油箱 Fuel tank.....100L
 发动机曲轴箱 Engine crank case.....16L
 液力变矩器和变速箱 T/C and Transmission.....28L
 液压油箱 Hydraulic tank.....100L
 前后桥主传动 Axles main drive.....2×10L
 制动系统 Brake system.....3L

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