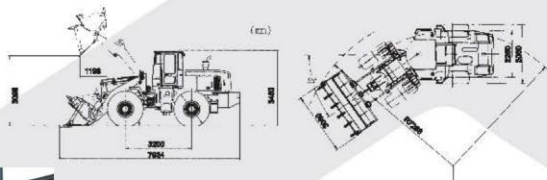


# Lion 50 wheel loader



## 性能参数 SPECIFICATIONS

|                               |                      |
|-------------------------------|----------------------|
| 斗容 Bucket capacity            | 3.0m <sup>3</sup>    |
| 额定载重量 Rated load              | 5000kg               |
| 外形尺寸 Transportation dimension |                      |
| 长 × 宽 × 高 (L × W × H)         | 7934 × 3060 × 3483mm |
| 轴距 Wheelbase                  | 3200mm               |
| 轮面 Thread                     | 2250mm               |
| 最大掘起力 Max. breakout force     | 172.3kN              |
| 最大卸载高度 Max. dumping height    | 3098mm               |
| 卸载距离 Dump distance            | 1198mm               |
| 三项和时间 Total time              | 11.48s               |
| 整机操作质量 Operating weight       | 17000kg              |

## 发动机 Engine

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| 型号 Model         | STEYR WD10G220E22<br>or COMINS 6CTA8.3-C215(TIGER1) or 6CTA8.3-C215(TIGER II)     |
| 型式 Pattern       | 增压、直列、水冷、四冲程、直喷<br>Turbocharger, inline, water-cooled, 4-stroke, direct injection |
| 额定功率 Rated power | 162kw/160kw                                                                       |
| 最大扭矩 Max. torque | 860N·m                                                                            |

## 传动系统 Torque converter and transmission system

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| 变矩器型号 Model of torque converter | YJ375X                                         |
| 型式 Pattern                      | 单级三元件 3-element single stage                   |
| 变速箱型式 Transmission type         | 定轴常啮合式动力换挡 Full-power shift, countershaft type |
| 档位数 Number of gear              | 前进档 4 4 forward, 4 reverse                     |
| 最高车速 (行驶) Max. travel speed     | 40km/h                                         |

## 驱动桥 Axle

|                                        |                                                      |
|----------------------------------------|------------------------------------------------------|
| 前后驱动桥 Axle                             | 徐州桥 Xuzhou                                           |
| 主传动型式 Main reducer Pattern             | 圆弧圆锥齿轮一级减速 Arc taper gear, modelation of first grade |
| 轮边减速型式 Pattern of wheelside moderation | 一级行星减速 Single stage planetary                        |

## 轮胎 Tire

|                |         |
|----------------|---------|
| 轮胎规格 Tire Size | 23.5-25 |
|----------------|---------|

## 转向系统 Steering system

|                                               |                                             |
|-----------------------------------------------|---------------------------------------------|
| 型式 Pattern                                    | 全液压负荷转向系统<br>Full hydraulic steering system |
| 最小转弯半径 Min. turning radius(outside of bucket) | 7268mm                                      |
| 最大转向角 Max. turning angle                      | 35°±1                                       |

## 工作液压系统 Hydraulic system

|                                 |          |
|---------------------------------|----------|
| 工作泵型号 Implement pump            | CBGJ2080 |
| 流量 Displacement                 | 250L/min |
| 系统工作压力 System working pressure  | 20.3MPa  |
| 分配阀型号 Distribution device model | DF32     |
| 先导阀型号 Pilot valve model         | DJS      |

## 制动系统 Brake system

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| 行车制动形式 Service brake  | 气顶油钳盘式四轮制动 Air assisted oil disc on four wheel  |
| 停车及紧急制动 Parking brake | 断气操纵纵内胀蹄式 Air cutting control inner expand hoof |

注：产品配置、颜色、规格参数变更恕不另行通知，以实物为准。

Note: Assembly to be matched on the products, color, specifications and data are subject to change without notice.

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