

ZEGA T640/T645

产品特点/Product Features

■ Features: ZEGA T640 and T645 drill rigs are respectively equipped with a 20kW and a 25kW high-frequency high-pressure full-hydraulic rock drills that are independently developed and manufactured by ZHIGAO. Besides, the folding booms and high-performance off-road design promote the efficiency in drilling small and medium-sized holes.

ZY 104 (20 kW)

ZY 105 (25 kW)



全系列产品特点 03

Features of the entire product series.NO.03



The ROPS and FOPS certified air-conditioning with cooling and heating functions, conforms to principles of ergonomics, providing a broaden view, safe and comfortable experience for the operator.



技术规格/Technical Specifications (“( )”内为 ZEGA T645 参数The data inside“( )” is parameters of ZEGA T645.)

| 发动机 Engine                                                      |                       |                               |                           |                              | 螺杆空压机 Screw Compressor              |             |
|-----------------------------------------------------------------|-----------------------|-------------------------------|---------------------------|------------------------------|-------------------------------------|-------------|
| 品牌 Manufacturer                                                 | 康明斯 Cummins           | 康明斯 Cummins                   | 康明斯 Cummins               | 道依茨 DEUTZ                    | 品牌 Manufacturer                     | ZEGA        |
| 型号 Model                                                        | QSC8.3-C240-30        | B6.7CS4 240C                  | B6.7                      | TCD7.8L6                     | 型号 Model                            | ZGAA138 II  |
| 排放标准 Emission standards                                         | 国 III China III       | 国 IV China IV                 | 欧 V EURO V                | 欧 V EURO V                   | 额定压力 Nominal pressure, max          | 10 bar      |
| 额定功率 Rated power                                                | 179kW(240hp)2,200rpm  | 177kW(240hp)2,200rpm          | 194kW(260hp)2,200rpm      | 200kW(270hp)2,200rpm         | 排风量 Air flow FAD                    | 10 m³ / min |
| 钻臂和推进梁 Boom & Feed                                              |                       |                               |                           |                              | 重量及尺寸 Weight & Dimensions           |             |
| 推进方式 Feed type: 油缸+钢丝绳 Hydraulic cylinder +Rope                 |                       |                               |                           |                              | 长度 Length                           | 12,000 mm   |
| 推进器总长度 Feed length                                              | 7,320 (7,520) mm      | 最大推进力 Feed force max.         | 20 kN                     | 宽度 Width                     | 2,550 mm                            |             |
| 推进补偿 Feed extension                                             | 1,200 mm              | 最大推进速度 Feed rate max.         | 0.9 m/s                   | 高度 Height                    | 3,200 mm                            |             |
| 推进行程 Feed travel length                                         | 4,420 mm              | 最大拉力 Pull up force max.       | 20 kN                     | 重量 Weight (不含选配件 w/o option) | 14,500 kg                           |             |
| 功能参数 Functional Specifications                                  |                       |                               |                           |                              | 底盘 Chassis                          |             |
| 储杆仓储杆数 Drill pipe handling capacity: 6+1(自动换杆 Auto rod changer) |                       |                               |                           |                              | 最大行走速度 Trammig speed.Max            | 3.6 km/h    |
| 孔径范围 Hole range                                                 | Φ76 - 115 mm          | 配套凿岩机 Rock drill              | ZY-104HE (ZY-105H)        |                              | 最大爬坡能力 Max Gradeability             | 25°         |
| 钻杆直径 Drill pipe diameter                                        | Φ38/45/51 (Φ45/51) mm | 冲击功率 Percussion power         | 20 (25) kW                |                              | 离地间隙 Carrier ground clearance       | 380 mm      |
| 钻杆长度 Drill pipe length                                          | 3.66 m                | 每分钟冲击次数 Percussion per minute | 2,600~3,600 (2,520~3,000) |                              | 履带架摆动 Track frame oscillation angle | ±10°        |
| 最大孔深 Hole depth.Max                                             | 25 m                  | 回转扭矩 Rotation torque          | 1,180 Nm                  |                              | 最大驱动力 Traction force.Max            | 138 kN      |
| 燃油箱容量 Fuel tank capacity                                        | 440 L                 | 回转速度 Rotation rpm             | 0-135 rpm                 |                              |                                     |             |

适用工况/Working conditions



工程建筑 Construction



绿色矿山 Green Mining



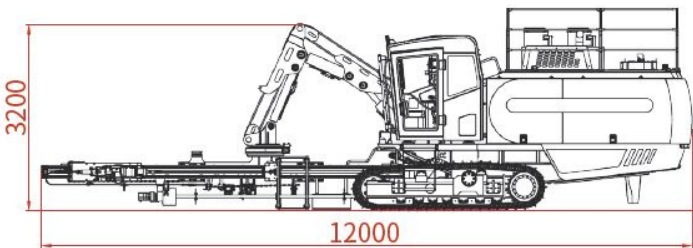
非爆破行业 Non-blasting Industry



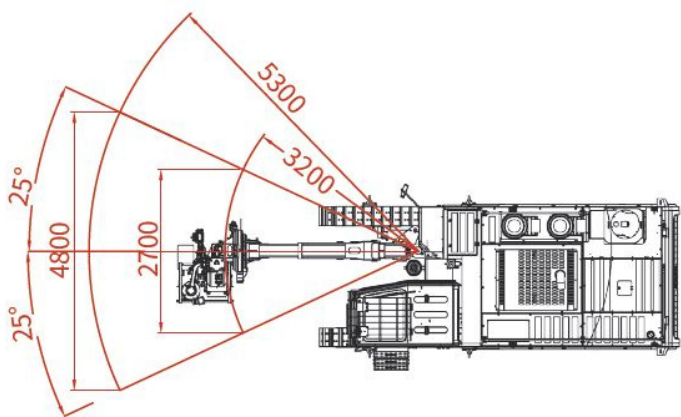
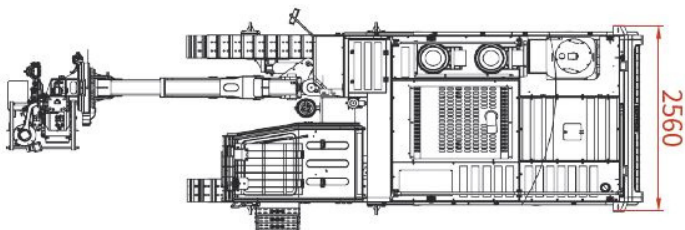
- 公路 Highway
- 水电 Hydropower
- 机场 Airport
- 码头 Wharf

- 水泥 Cement
- 煤矿 Coal mine
- 采石 Quarrying
- 铁矿 Iron mine

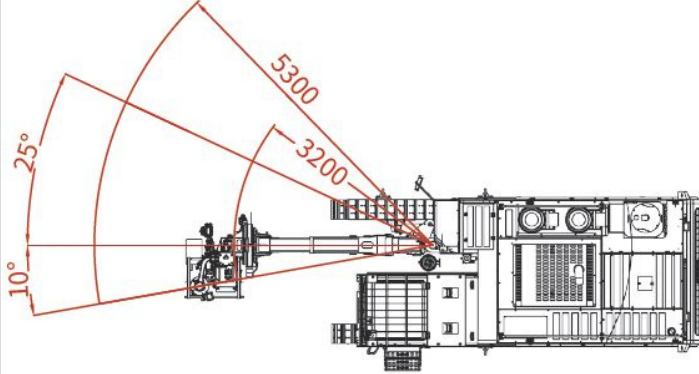
- 光伏 Photovoltaic
- 水井地热 Well geothermal
- 房地产 Real estate
- 边坡治理 Slope treatment



T640 运输尺寸 Transport dimensions



T640 钻臂作业覆盖范围 Drilling Coverage Area



T645 钻臂作业覆盖范围 Drilling Coverage Area