

SR20M/P

主要技术参数 SPECIFICATIONS



发动机ENGINE

型式Type SHANG CHAI D6114ZG2B
 水冷、直立、四冲程、增压、直喷式
 Turbocharged,intercooled,in-line,4-cycle
 额定功率Rated horsepower..... 128kw
 额定转速Rated revolution..... 2000r/min
 缸数—缸径×行程Cylinder number-bore×stroke.....6-114×135mm
 活塞排量piston displacement.....8.3L
 最小耗油量Min fuel consumption..... 220g/KW.h
 最大扭矩Max. torque.....672(Nm)/1400rpm



行驶速度TRAVELLING SPEED

速度档Gear	I 档1st	II 档2nd	III 档3rd
前进Foward(km/h)	2.55	5.03	8.3
后退Reverse(km/h)	2.55	5.03	8.3

内 容 Model	SR20M	SR20MP	
工作质量OPERating weight(kg)	20000	20900	
工作质量分配kg	前轮Front wheel	10000	10600
Weight Distribution	后轮Rear wheel	10000	10300
前轮直径Front wheel diameter(mm)	Ø1550/Ø1752		
压实宽度Compacting width(mm)	2140		
激振力Centrifugal force(KN)	355/220		
振动频率Vibrating frequency(Hz)	28 / 32		
理论振幅Theoretic amplitude(mm)	2.0/1.0	1.6/0.8	
最小转弯半径Min.turning radius(m)	6.1		
爬坡能力Climbing ability(%)	30		
静线压力Static linear load(N/cm)	453		
最小离地间隙Min.ground clearance(mm)	395		
轴距Wheel base(mm)	3140		
转向角度Maximum steering lock angle(°)	±36		
摆动角度Vertial oscillation(°)	±15		
凸块高度Pad height(mm)	100		
凸块数量Pad number	154		



传动系统特点POWER TRANSMITTING SYSTEM

- ◆ **变速箱**:采用ZF技术的动力箱,具有变速换向和手制动三项功能,档位布置3前3倒,换向、变速操纵均为电液控制,提高了可靠性,简化了操纵系统,极大的减轻了驾驶员的劳动强度。
- ◆ **转向系统**:铰接式全液压转向,转向灵活方便。
- ◆ **制动系统**:两级制动系统。紧急制动为气推油钳盘式制动,停车制动为鼓式手制动。两套独立的制动系统保证了行使时的安全和可靠。
- ◆ **气路控制操纵系统**:离合器操纵和制动操纵为气助力式操纵更省力。
- ◆ **振动轮**:采用山推专有技术的新型结构,振动室内设有独特的润滑装置,给振动轴承以良好的润滑。振动轴承为专用进口振动轴承,承载能力大,极限转速高、使用寿命长。

◆ **Transmission box**: Transmission box adopts ZF technology with three functions: power-shift (3 forward and 3 reverse), steering and hand brake. The operation of power-shift and steering are both under electrical-hydraulic control which ensure reliability, simple operation and low labour intensity.

◆ **Steering system**: articulated hydraulic steering system.

◆ **Brake system**: two-stage brake system. Emergency brake is gas-push-oil pliers-pan type, parking brake is drum type hand brake. Two separate brake system ensure safe and reliability.

◆ **Gas-channel controlled operation system**: Both clutch and brake operation is gas-assistance type.

◆ **Vibrating drum**: New structure with Shantui special technology. There are lubricating equipment inner vibrating drum for vibrating bearing. Vibrating bearing is imported with big load capacity, high limit revolution and long service-life.



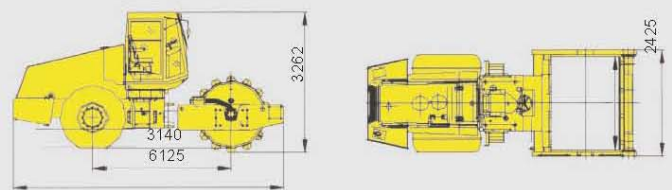
液压系统HYDRAULIC SYSTEM

振动系统最高工作油压Max.oil pressure of vibratory system.....35Mpa

转向系统最高工作油压Max.oil pressure of steering system.....14Mpa



外形尺寸OVERALL DIMENSIONS



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 Note:Materials and specifacatons are subject to change without notice.