WINWAY

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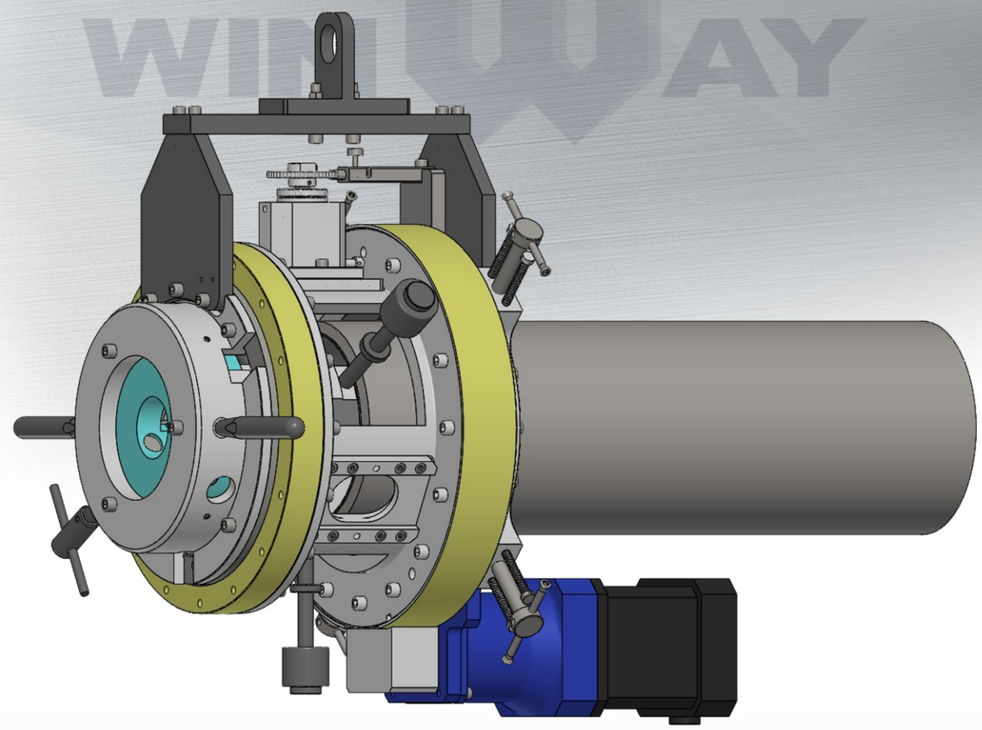

WINPIPE 自定心电驱动 石油管道坡口机

WINPIPE Self-Certering Electric Bevelling Machine for Oil Pipe

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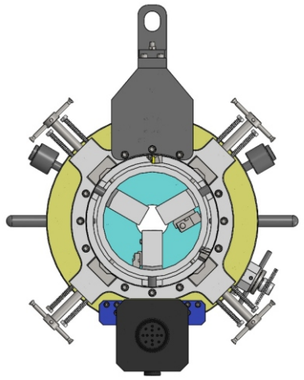

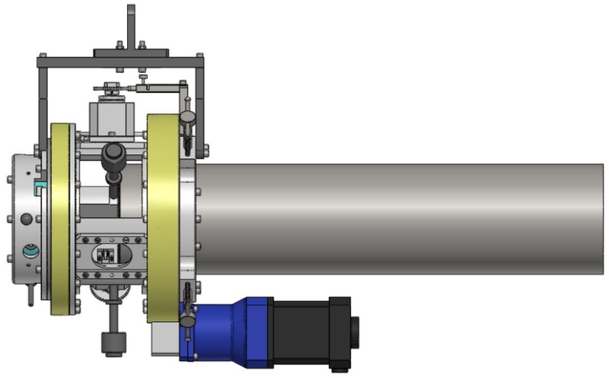

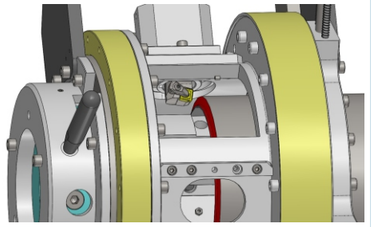

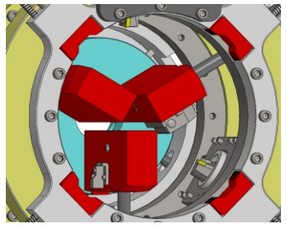

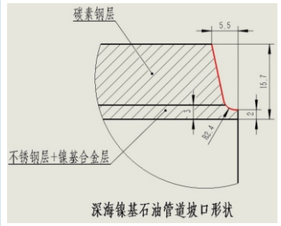

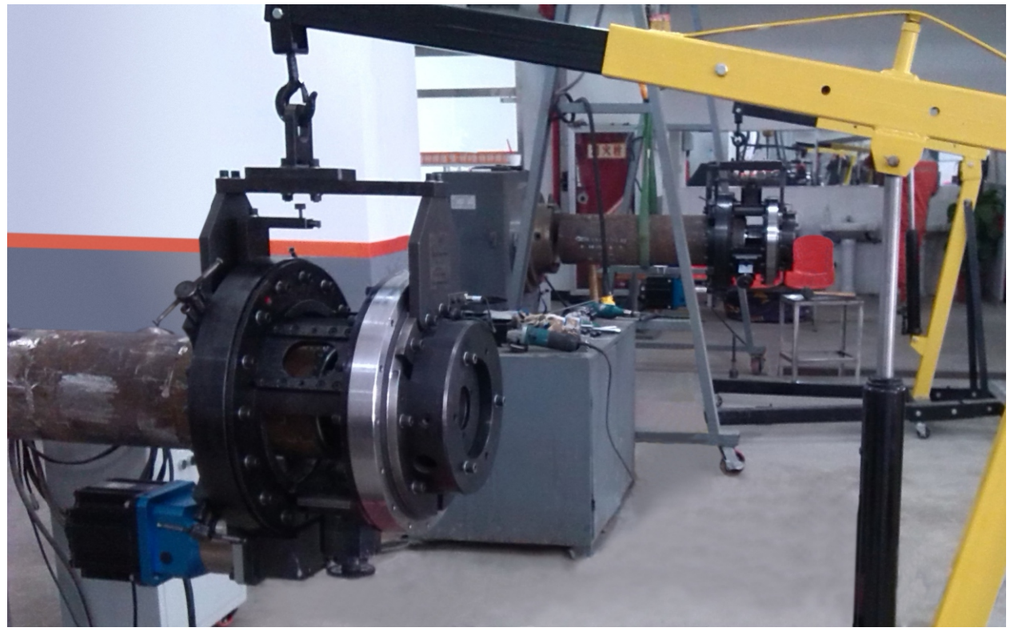

工作原理 》

卡盘三爪撑紧管道内孔定心，辅助装置夹紧管道外壁，伺服电机驱动带有进刀机构的鼠笼环，鼠笼环两侧连接环形导轨，绕管道回转切削运动。

优点 》

以管口内壁为基准，采用自定心3点夹紧。
外壁采用4点自适应夹紧。
整个机器与管道形成稳定的桥式结构。
可调速超静音大功率伺服电机。
输出扭矩、功率稳定。
操作维护简便。
灵巧便携。

技术参数 》

应用范围：8″~24″ 各类管道
输出转速：0-40 r/min
电机功率：3 KW
额定电压：AC 380 V
额定电流：18 A
频率：50 Hz
体积：900mmX800mmX900mm
重量：230~480Kg

Operating Principle »

Chuck three grippers tighten the pipe inner hole then centering. Assist device tightens the outer wall of pipes. Then, servo motor drives the squirrel cage ring who connects with the ring rail from both sides and rotary cuts along surface of pipe by cutting tools.

Advantages »

Based on inner wall of pipe, it adopts self-centering by 3 points, and adaptive clamping for outer wall by 4 points. These form stable bridge structure between the machine and pipe.
Adjustable ultra quiet and super power servo motor.
Stable output torque and power.
Easy operation and maintaince.
Small and portable.

Technical Data »

Application: pipes with dia. 8″~24″
RPM: 0-40 r/min
Motor power: 3 KW
Rated Voltage: AC 380V
Rated Current: 18A
Frequency: 50 Hz
Volume: 900mmX800mmX900mm
Weight: 230~480Kg

操作说明及维护指南

操作说明 》

1、管道水平固定。
2、便携车吊起设备。
3、将设备内撑三爪缩回。
4、外壁夹紧装置、进刀机构调至最大。
5、在三个爪壁径向精孔插入定位销。
6、三爪对准管道内孔水平推入。
7、待管道口边缘贴紧三个定位销后，三爪撑紧，外壁夹紧。
8、拔出三个定位销，调节进刀机构至管道外壁切削点，设备即可操作运行。

维修保养指南 》

1、环形导轨每3个月加注黄油。
2、伺服电机驱动齿轮每3个月加注黄油。
3、连接三爪的卡盘槽每个工作班次完成后清洗并加注黄油。
4、外壁夹紧装置的导向杆及锁紧螺杆每个工作批次完成后清洗并加注黄油。
5、刀具切削进给装置每周清洗并加注黄油。

Operating and maintaince

Operating Instruction »

Equipment runs by following steps:
1. Horizontal fix the pipe.
2. Sling the quipment by small crane.
3. Retract three grippers of machine.
4. Adjust the clamping device and feeding tools to maximum.
5. Locating pin insert into radial hole of three grippers.
6. Align the pipe inner hole and then push three grippers.
7. When pipe edge close to three locating pins, tighten three grippers and outer wall.
8. Pull out three locating pins and adjust cutting tools to working place of pipe.

Maintaince Guide »

1. Fill grease for the ring rail every 3 months.
2. Fill grease for servo motor driving gear every 3 months.
3. Clean and fill with grease for chuck groove that connecting three grippers after every work.
4. Clean and fill with grease for guide link and lock screw of outer wall clamping device after every work.
5. Clean and fill with grease for cutting feed device every week.