



Factory Automated Assembly Lines for Automotive Parts Brochure



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Automated Assembly Lines

- Oil Pump Assembly

Custom Oil Pump Assembly Line



Housing Sub Assembly

1. Housing Loading
2. Pin Press
3. Bush Press
4. O-Ring Housing Inner Assemble
5. O-Ring Housing Outer Assemble
6. Vision Inspection
7. Laser Marking
8. Housing Unloading

Cover Sub Assembly

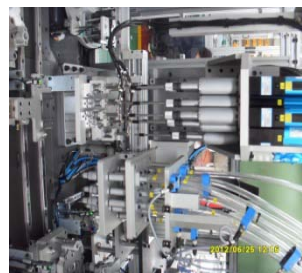
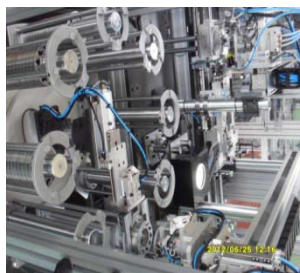
9. Cover Loading
10. Bush Press

Rotor Sub Assemble Line

11. Rotor Loading
12. Shaft Loading
13. Shaft Press On Rotor
14. Rotor Unloading

Main Assemble Line

15. Bottom Plate Loading
16. Cam Ring Loading
17. Long Pin Press
18. Vane Assemble
19. Measure Inner Diameter of Cam Ring
20. Measure Outer Diameter of Rotor
21. Rotor Assembly Load to Cam Ring
22. Side Cleanse Check & Oil Supply
23. Vision Inspection
24. Top Plate Loading
25. O-Ring Cover Assemble
26. Cover Assemble to Main Work piece
27. Bolt Fastening
28. Leak Test
29. Performance Test (Dry)
30. NG Unload
31. Auto Boxing
32. Data Control



Automated Assembly Lines

- Power Steering Assembly Line

Power Steering Assembly Line

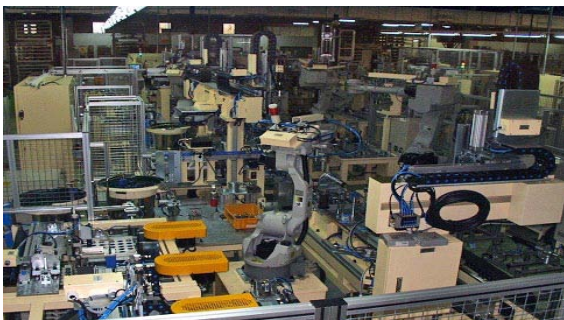
◆ EPS Belt Driver Assembly Line



Application Images



◆ Rack Pinion Power Gear Assembly Line



Application Images



◆ EPS Column Driver Assembly Line



Application Images



◆ Rack Pinion Manual Gear Assembly Line



Application Images



Automated Assembly Lines

- Alternator Assembly Line

Alternator Assembly Line

◆ Alternator Assembly Line



Application Images



◆ Regulator Assembly Line



Application Images



◆ Rectifier Assembly Line



Application Images



Automated Assembly Lines

- Brake System

Brake System

◆ ABS Assembly Line (Retooling)



Application Images



◆ Caliper Assembly Line



Application Images



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