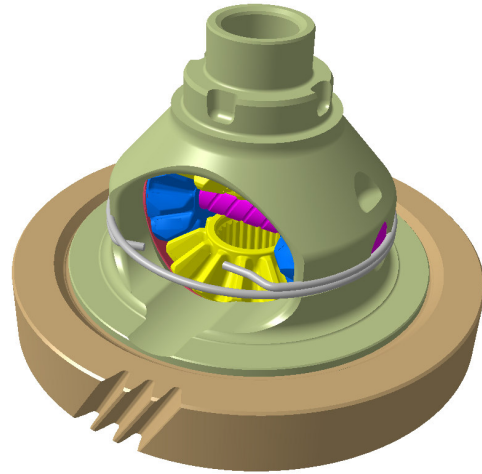
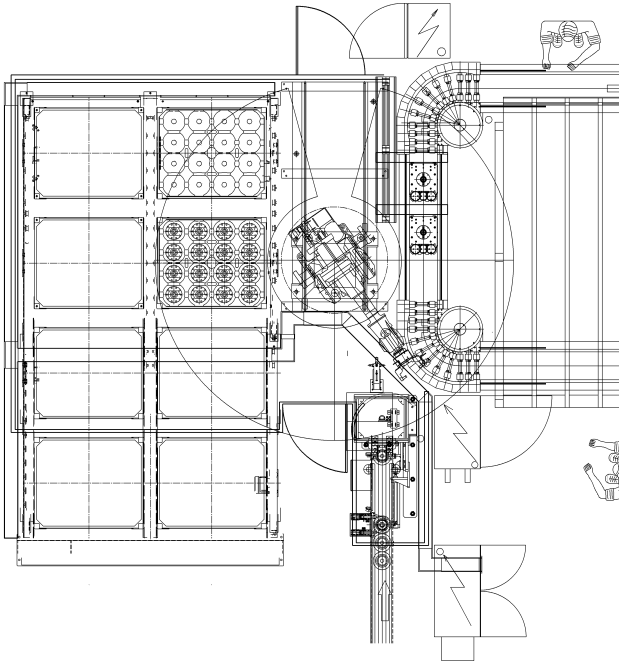


GEARBOX ASSEMBLY



Differential case automation

OPERATION SEQUENCE		AUTOMATION LEVEL
1	De-palletize Differential case housing	Automatic
2	Palletize assembled differential case	Automatic
3	Artificial vision inspection and control	Automatic

GEARBOX ASSEMBLY



Gearbox. Including the differential case

TECHNICAL SPECIFICATIONS

Weight/Part dimension: 2 Kgs

Diversity: 3

Line dimension: 20X9m

Production data

Cycle Time: 24 seg.

Number of shifts: 3

Process control

- Batch control using artificial vision system.
- Torque control for assembly.

STANDARD EQUIPEMENT

- Artificial vision
- YAMAHA robots.
- JANOME's Electro Mechanical press