

# Service description (technical specification)

Jiggs Services for the Battery Production Line Development

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### 1. WELDING JIG FOR INTERCONNECTION TOP (2 pieces):

- Position plate
- Base plate
- Position bush
- Contact covers
- Contact holder
- Locking pins with holders (6pcs)
- Position plate upper
- BOSCH pallet
- Plexi cover

### 2. WELDING JIG FOR INTERCONNECTION BOTTOM (2 pieces):

- Position plate
- Base plate
- Position bush
- Contact covers
- Contact holder
- Locking pins with holders (6pcs)
- Position plate upper
- BOSCH pallet
- Plexi cover

### 3. POTTING JIG (12 pieces):

### 4. BATTERY PACK GRIPPER (1piece)

### 5. CURING REGAL (2 pieces)

### 6. Potting trolley (3 pieces)

### 7. Working table (1 piece)

- ABS edge
- ESD surface
- Alu profiles
- Electro cabinet
- PLC

### 8. Manipulator station 1 (1 piece)

- Alu profiles

- El. cabinet
- Pneumatic components
- PLC
- Spotlight
- Servo drive
- Vacuum grippers
- Valve block
- CE documentation

## 9. Manipulator station 2 (1 piece)

- Alu profiles
- Pneumatic regulations
- Rails for left/right - up and down.

## 10. Vacuum trolley (1 piece)

- Alu profiles
- Wheels
- Vacuum generator

## 11. Assembly jig for Manipulator station 2(1 piece)

## 12. Potting station (1 piece)

- ABS edge
- ESD surface
- Alu profiles
- LED light
- El. cabinet

## 13. Vacuum gripper (1 piece)

## 14. Vacuum gripper Bottom (1 piece)

## 15. Interconnection plate manipulator (1 piece)

## 16. Battery housing manipulator (1 piece)

## 17. Design of all components

- Concept and design
- Commissioning
- Startup and fine-tuning
- Documenting

