<table>
<thead>
<tr>
<th>Freedom</th>
<th>Designation</th>
<th>Wireless cradle</th>
<th>Capacity Drive</th>
<th>L1</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>113 38 0015</td>
<td>Freedom® 15</td>
<td>197 13 0049: 15 N·m</td>
<td>1.5 - 15</td>
<td>9 x 12</td>
<td>364</td>
</tr>
<tr>
<td>113 38 0030</td>
<td>Freedom® 30</td>
<td>197 13 0049: 30 N·m</td>
<td>3 - 30</td>
<td>9 x 12</td>
<td>364</td>
</tr>
<tr>
<td>113 38 0050</td>
<td>Freedom® 50</td>
<td>197 13 0049: 50 N·m</td>
<td>5 - 50</td>
<td>9 x 12</td>
<td>364</td>
</tr>
<tr>
<td>113 38 0070</td>
<td>Freedom® 70</td>
<td>197 13 0050: 70 N·m</td>
<td>7 - 70</td>
<td>9 x 12</td>
<td>470.5</td>
</tr>
<tr>
<td>113 38 0100</td>
<td>Freedom® 100</td>
<td>197 13 0050: 100 N·m</td>
<td>10 - 100</td>
<td>9 x 12</td>
<td>470.5</td>
</tr>
<tr>
<td>113 38 0200</td>
<td>Freedom® 200</td>
<td>197 13 0051: 200 N·m</td>
<td>20 - 200</td>
<td>14 x 18</td>
<td>604.5</td>
</tr>
<tr>
<td>113 38 0300</td>
<td>Freedom® 300</td>
<td>197 13 0052: 300 N·m</td>
<td>30 - 300</td>
<td>14 x 18</td>
<td>754.5</td>
</tr>
<tr>
<td>113 38 0400</td>
<td>Freedom® 400</td>
<td>197 13 0053: 400 N·m</td>
<td>40 - 400</td>
<td>14 x 18</td>
<td>854.5</td>
</tr>
<tr>
<td>113 38 0600</td>
<td>Freedom® 600</td>
<td>197 13 0054: 600 N·m</td>
<td>60 - 600</td>
<td>14 x 18</td>
<td>1034.5</td>
</tr>
<tr>
<td>113 38 0800</td>
<td>Freedom® 800</td>
<td>197 13 0055: 800 N·m</td>
<td>80 - 800</td>
<td>22 x 28</td>
<td>1255</td>
</tr>
<tr>
<td>113 38 1000</td>
<td>Freedom® 1000</td>
<td>197 13 0056: 1000 N·m</td>
<td>100 - 1000</td>
<td>Special</td>
<td>1470</td>
</tr>
<tr>
<td>113 38 1200</td>
<td>Freedom® 1200</td>
<td>197 13 0063: 1200 N·m</td>
<td>120 - 1200</td>
<td>Special</td>
<td>1570</td>
</tr>
</tbody>
</table>

**Freedom 4S Production**

Torque & angle wrench
Advance solution for production from 0 to 1 200 N·m

- Light, robust and accurate
- Automatic obstacle detection & incorrect hand position
- Wireless communication for data traceability
- End-fitting recognition
- High memory capacity

SCS Concept Group
Ph. +39 02 925 02 684
info@scsconcept.com
www.scsconcept.com

Freedom® Production - Ed. 1 - EN
Freedom4S Production

- Standard end-fitting end fitting recognition

PRW Production

- Production tightening
- Wireless management
- Data traceability
- Barcode reader/VIN management
- LAB functionalities

LAB Laboratory

- Joint analysis
- Prototype
- Material studies
- Pre-series
- Onboard results analysis
- Onboard traces
- Results and traces analysis on PC with Explorer software

Features

- Autonomy: up to 8 hours
- Torque accuracy: 0.5% of the read value
- Torque range: 10 to 100%
- Angle accuracy: +/-1° over 360°
- Memory 16 GB: >50,000 operations, traces and results
- Wireless communication WiFi/Bt
- WiFi 802.11 a/b/g/n
- Bluetooth V2
- Full security management
- WEP, WPA, WPA 2, EAP-TLS, LEAP, PEAP
- PRW functionalities
- LAB functionalities
- Untightening detection

Rubber protection

(PRW wrench is delivered with rubber protection wireless radio wings)

- Part number: 313 11 0177

Tightening strategy

- Fastening torque driven
- Fastening torque/angle
- Fastening yield
- Fastening yield/angle
- Prevailing torque

Quick change wireless communication (WIFI/Bt)

- Carbon extension
- USB connection for data traceability
- Large screen, 7 LEDs, vibration and buzzer to communicate with the operator
- Wireless charger
- Barcode reader in option
- Self diagnostic
Accurate VDI/VDE 2645-2:2014
Wireless communication
Open protocol
VW-XML protocol
End fitting recognition to manage your assembly process
Flexibility with more than 50 000 operations

Hand position detection to ensure correct operation
Guidance solution
A large color touch screen help the operator during the assembly process.
Obstacle detection “patented” eliminate damage of your parts and protect your wrench
Compatible with FIM-EVO
Manage up to 12 assembly tools and 6 stations Fieldbus compatibility and data traceability
Webserver application