Easy, fast and accurate tightening

**IHE oil pulse wrenches**
- Torque range: from 10 up to 400 Nm
- Models with and without automatic air shut-off
New IHE oil pulse wrenches

Powerful, fast, accurate.

A wide range of oil pulse wrenches, ideal to tighten screws, nuts and bolts with highest speed, easiness and comfort. 35 new wrenches, including 18 models with automatic air shut-off torque control system, allow:

- Achieving tightening torque with maximum operator’s comfort
- Target torques are achieved in very short times
- Accurate tightenings both on hard and soft joints irrespective of the operator
- Reduced compressed air consumption

Be demanding

Reliability

Long lifetime of the components also in case of high production rhythms thanks to careful design, guarantee less maintenance and reduced repair costs.

The dual-chamber motor with 9 vanes permits a considerable reduction of the weights, ensuring a high power. It is made of steel with high quality thermal treatment to guarantee reliability and long life.

The oil pulse unit features special rollers minimizing generated friction for longer life and higher tool power.

The pulse unit features a new accumulator which allows oil volume expansion thus keeping oil at a stable temperature (lowering oil overheating). This translates into reduced number of oil replacements and longer lifespan oil pulse unit.

“X” shaped gaskets are used into the oil pulse unit: thanks to their geometry they create two contact points on the output drive reducing possible leakage and increasing oil pulse unit lifetime.

Motor housing innovative geometries – cylinder and monobloc plate – make it more powerful and reliable.
Optimization of the tool performances in regard to ergonomics and operator safety

All models feature a comfortable reverse button to favour the operator in tightening operations.

Each model is equipped with grooves accommodating the hanging device to completely eliminate operator fatigue in holding the tool.

Products with automatic air shut-off torque control system allow accurate tightenings in short times, irrespective of the operator.

The special rubber-covered grip isolates the operator’s hand from cold and vibrations, making it safer for him to hold the wrench.

The reaction to the operator’s wrist is reduced, also at high torques.

Special rubber protective covers are available upon request for pistol tools to safeguard them and workpieces from accidental contact and guarantee longer lifetime.

Wide torque range: from 10 up to 400 Nm to cover all possible assembly needs.

The motor guarantees high performances on the various joints as well as high tightening torques obtainable in very short times.

Models with automatic air shut-off torque control system allow accurate tightenings in short times, irrespective of the operator.

Perfection is in your hands

All models feature a comfortable reverse button to favour the operator in tightening operations.

Each model is equipped with grooves accommodating the hanging device to completely eliminate operator fatigue in holding the tool.

Models with automatic air shut-off torque control system allow accurate tightenings in short times, irrespective of the operator.

The special rubber-covered grip isolates the operator’s hand from cold and vibrations, making it safer for him to hold the wrench.

The reaction to the operator’s wrist is reduced, also at high torques.

Special rubber protective covers are available upon request for pistol tools to safeguard them and workpieces from accidental contact and guarantee longer lifetime.

Don’t be satisfied with the maximum

Productivity

Considerable increase of the efficiency of the tightening cycle thanks to innovative design systems.

Wide torque range: from 10 up to 400 Nm to cover all possible assembly needs.

The motor guarantees high performances on the various joints as well as high tightening torques obtainable in very short times.

Models with automatic air shut-off torque control system allow accurate tightenings in short times, irrespective of the operator.

Ergonomics

Optimization of the tool performances in regard to ergonomics and operator safety.

All models feature a comfortable reverse button to favour the operator in tightening operations.

Each model is equipped with grooves accommodating the hanging device to completely eliminate operator fatigue in holding the tool.

Models with automatic air shut-off torque control system allow accurate tightenings in short times, irrespective of the operator.

The special rubber-covered grip isolates the operator’s hand from cold and vibrations, making it safer for him to hold the wrench.

The reaction to the operator’s wrist is reduced, also at high torques.

Special rubber protective covers are available upon request for pistol tools to safeguard them and workpieces from accidental contact and guarantee longer lifetime.

Ecology

Innovative systems designed paying the highest attention to the environment and its safeguard.

All the components are easy to dispose of because they are built using recyclable materials; therefore they do not represent any danger in terms of environmental pollution.

Models with automatic air shut-off reduce the cycle time and therefore the compressed air consumption.

Naturally innovative

IHE 18A-MR

Models with pneumatic pick-up signal (ported) for screw counting (poka yoke system) available upon request.
For wrenches

Models with pneumatic pick-up signal (ported) for screw counting (poka yoke system) available upon request.

Legend:
- IHE 18, 25, 35, 45, 55
- IHE 400
- Filter/Regulator/Lubricator
  - Bits, sockets etc.; balancers, exhaust silencers and other compressed air system accessories: see Fiam Accessories catalogue.
  - Specific oil for pulse unit: 1 lt., cod. 69901013; 100 cc, cod. 69901012

Other technical features
- Air inlet
  - 1/4" gas
  - 1/4" gas
  - 3/8" gas

Recommended hose bore
- 10 mm
- 12 mm
- 12 mm

Accessories available upon request
- Rubber protective covers available for wrenches to safeguard them and workpieces from accidental contact and guarantee longer lifetime.

Other accessories
- Bits, sockets etc., balancers, exhaust silencers and other compressed air system accessories: see Fiam Accessories catalogue.
  - Specific oil for pulse unit: 1 lt., cod. 69901013; 100 cc, cod. 69901012

Filter/Regulator/Lubricator
- Filter, pressure regulator, oil fog lubricator. Suitable to obtain the required torque value by adjusting the air feed pressure. Less pressure = less tightening torque.

Rubber protective cover

<table>
<thead>
<tr>
<th>Code</th>
<th>For wrenches</th>
</tr>
</thead>
<tbody>
<tr>
<td>6B1120700</td>
<td>IHE18-2SP/PA</td>
</tr>
<tr>
<td>6B1120701</td>
<td>IHE35P/PA</td>
</tr>
<tr>
<td>6B1120702</td>
<td>IHE55P/PA</td>
</tr>
<tr>
<td>6B1120703</td>
<td>IHE90P/PA</td>
</tr>
<tr>
<td>6B1120704</td>
<td>IHE120P/PA</td>
</tr>
<tr>
<td>6B1120705</td>
<td>IHE145P/PA</td>
</tr>
<tr>
<td>6B1120706</td>
<td>IHE210P/PA</td>
</tr>
<tr>
<td>6B1120707</td>
<td>IHE230P/PA</td>
</tr>
</tbody>
</table>

Environmental Management

Meet us on:
- 73, cours Albert Thomas
- 69003 Lyon - France
- Tel. +33 (0)9 70 40 73 85

Quality Management

Fiam Utensili Pneumatici Spa
Viale Crispì 123
36100 Vicenza - Italy
Tel. +39.0444.385000
Fax +39.0444.385002

Fiam France Susscrulese
73, cours Albert Thomas
69003 Lyon - France
Tel. +33 (0)9 70 40 73 85

Fiam España Susscrulese
Travessera de Gràcia, 11, 5ª planta
08021 Barcelona, España
Tel. +34.638680112

www.fiamgroup.com
info@fiamgroup.com