Machine tool manufacturer for over 100 years, PCI is recognized for the quality and productivity of its machining and honing turnkey lines. From transfer machines to single or dual spindle machining centers and special purpose machines, productivity is always met thanks to high-level machining expertise. Covering a broad range of industries, PCI is here to answer your highest challenges in parts manufacturing with innovative and cost efficient solutions.

Christian BARRA
Sales manager

History

2020 - PCI becomes PCI-Machining to strengthen its position in the market
2020 - Introduction of single and dual spindle Meteor 3000
2019 - Renewal of ISO certification 9001 2015 Version
2019 - Introduction of single and dual spindle Meteor 900
2017 - Introduction of a new high speed machining center range “Meteor 630” including single spindle HMC and a world premiere fully independent dual spindle HMC
2016 - First integration of honing operations on a machining center
2016 - ISO 9001 certification 2015 Version
2015 - Tongtai, N°1 machine tool builder in Taiwan, becomes 100% shareholder of PCI
2007 - MQL Lubrication applications development and METEOR ML dual spindle design
1998/2003/2008 - METEOR High Speed Machining Center 5 / ML / GL introduction
1998 - PCI integrates the PSA Group (Peugeot Citroën) as a subsidiary to design and manufacture turnkey production lines
1979 - SCEMM becomes “Société de Construction d’Equipement de Machines et de Mécanisation”
1950 - SCEMM becomes a subsidiary of Automobiles manufacturer Citroën
1917 - Creation of the company

Key figures:

Workforce: 150
Turnover in €: 30 millions

TTGroup
Global group of machine tools

TTGroup (Tongtai Group) includes six machine-tools manufacturer:
- Four Taiwanese companies: Tongtai, Honor Seiki, Quick-Tech, TTAPEC,
- Two European companies: Anger Machining GmbH and PCI Machining.

The group offers a wide range of products: Vertical/Horizontal machining centers, 4 and 5-axis machining centers, vertical/horizontal lathes, multitasking machining centers, ultrasonic assisted machining centers, additive manufacturing machines.

TTGroup covers various industries and is well established in the automotive and aerospace businesses. TTGroup offers its services worldwide: 50% in Asia and emerging countries, 30% in Europe and 20% in the USA.

Key figures:

Workforce: 1,800 employees
Turnover in €: 300 millions
Machining process expertise

PCI Machining’s high level of process expertise enables us to offer the most efficient machining and honing solutions adapted to your production.

+ Detailed analysis of your parts to define the appropriate machining process
+ Proposal to co-design your parts in order to optimize machining
+ Design of machining sequence and calculation of cycle times
+ Design of cutting tools and fixtures
+ Programming and digital validation simulation: NC SIMUL software
+ Commissioning, 3D measurement and calculation of capabilities: QSSTAT software
+ Start-up assistance in serial production

Turnkey machining line expertise

PCI Machining takes care of the design and engineering of your entire production line: Automation, traceability, integration of washing resources, drying, assembly, dimensional checks and tightness checks.

Machine expertise

Based on decades of experience in the design of machining lines for the automotive industry, our company is highly skilled in the design of reliable and efficient machines and the associated machining processes.

Horizontal machining centers

METEOR machining centers are designed for the highest levels of performance and are available in independent single or dual-spindle versions.

<table>
<thead>
<tr>
<th>Typical applications</th>
<th>50,000 to 1 million parts / year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal combustion engine</td>
<td>Cylinder head, engine block, camshaft bearing, and transmission case</td>
</tr>
<tr>
<td>EVs</td>
<td>Motor housing, gearbox housing, battery housing</td>
</tr>
<tr>
<td>Chassis</td>
<td>Knuckle, suspension cradle, suspension arm, structure parts, steering column, rear axle</td>
</tr>
</tbody>
</table>

- METEOR 630 X: 630 à 1800 mm Y: 630 mm Z: 630 mm
- METEOR 900 X: 900 à 2400 mm Y: 800 mm Z: 630 à 1260 mm
- METEOR 1 200 X: 1200 à 3000 mm Y: 1600 mm Z: 630 à 1260 mm

Flexible rotary transfer

PCI Machining rotary transfer “TRC” is particularly suitable for workparts dimensions under 400 mm in aluminum and cast iron, with up to 7 flexible units with tool changer and a loading station.

<table>
<thead>
<tr>
<th>Typical applications</th>
<th>420,000 to 1 million parts / year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chassis</td>
<td>Knuckle or suspension part, valve body, pump housing</td>
</tr>
</tbody>
</table>
Our key skills

- Steering column
- Cylinder block
- Shock Tower
- Battery tray*
- Gearbox housing
- Clutch Housing
- Rear axle
- Electric powertrain*
- Motor housing
- Gearbox housing
- Subframe*
- Camshaft holder
- Cylinder head
- Battery tray*

*eMobility solutions