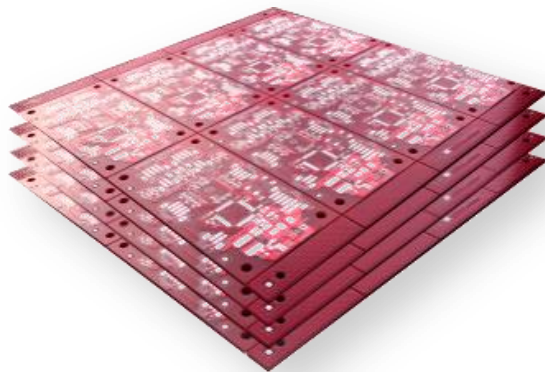




YES! WE DO IT FASTER & BETTER ...



... AND MORE!

ELECTRONICS INDUSTRY SERVICES



TECNOMETAL s.r.l. Via Ancona nr. 3 - 20060 Trezzano Rosa (MI) — ITALY

Tel: +39 02 90969935 Fax +39 02 9096 854

www.tecnometal.net



COMPANY

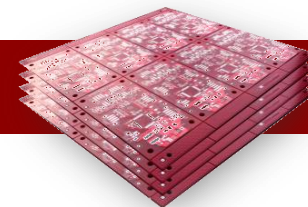
Since 1989 Tecnometal has been working as italian electronics manufacturer, producing circuits (PCB) and services for electronics industry. Our senior management team has about 25 years of PCB and electronics production experience, academic and technological accomplishments.

ORGANIZATION:

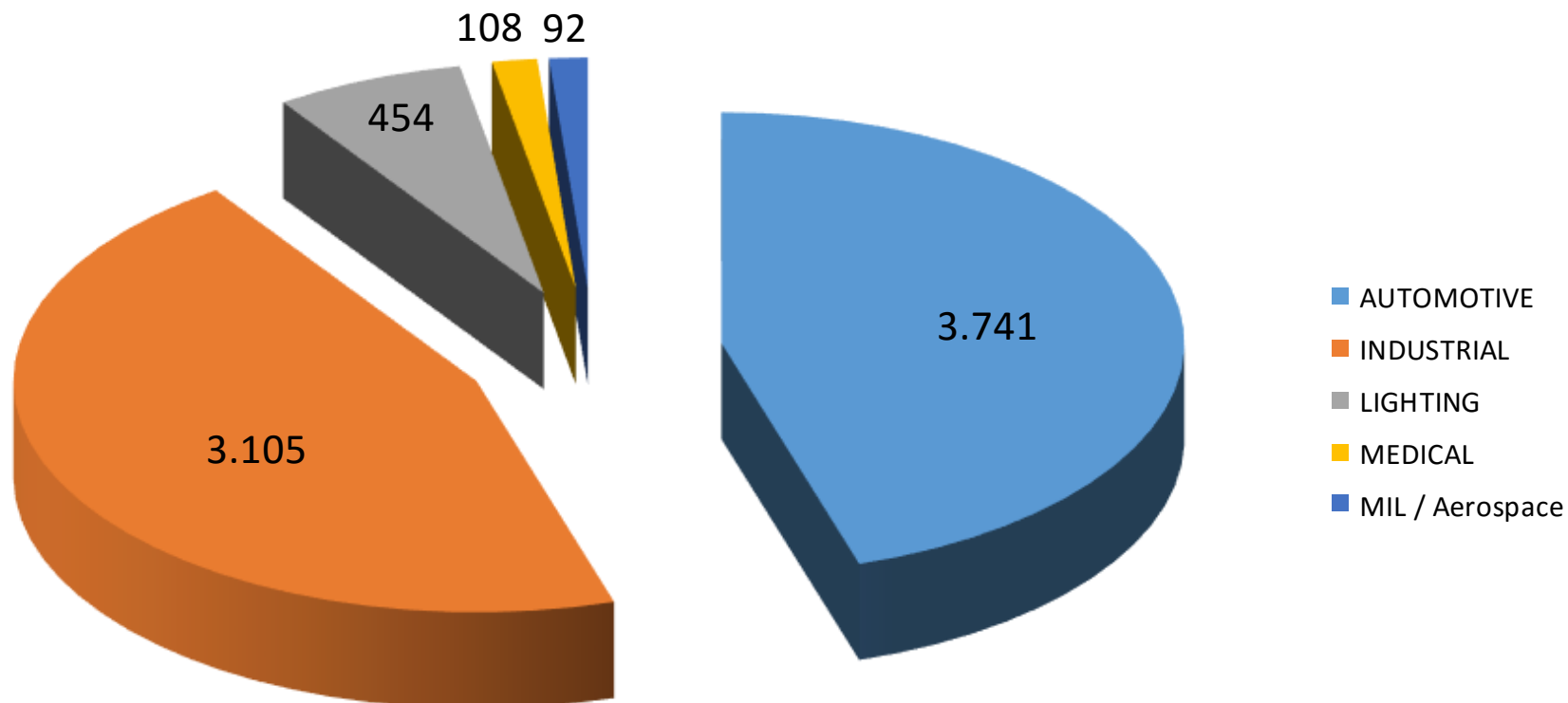
34

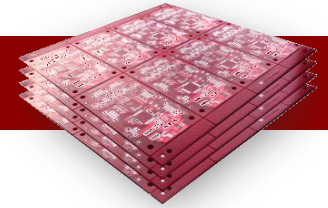
- Director	1	- Quality & Technologies	2
- Administration	2	- Production	15
- Commercial	5	- R&D	1
- Purchase	2	- Tecnical Dep.	1 (+3)
- Customer Care	1	- Marketing & Comm.	1

REVENUE: 7,5 M of euro

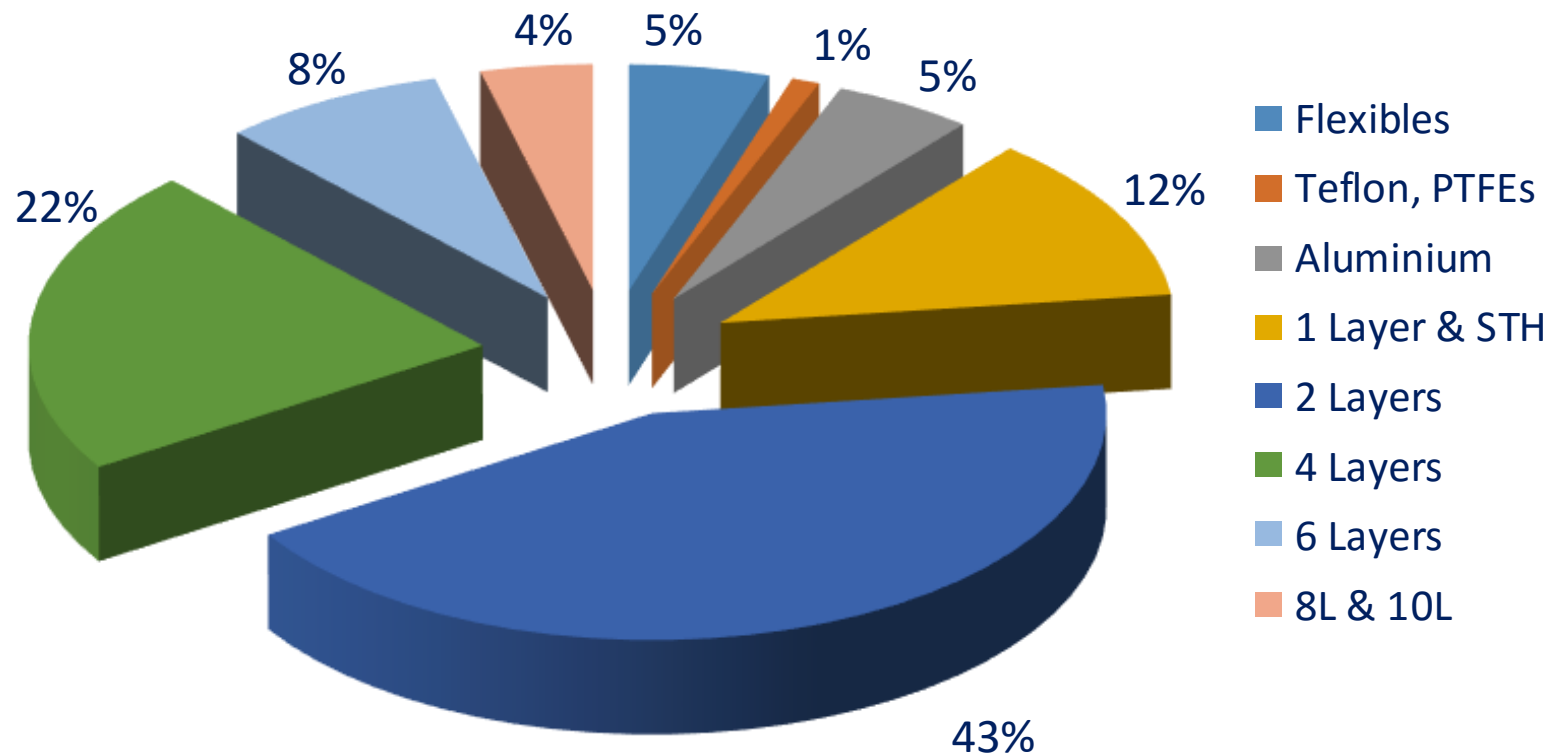


MARKET 2015 *(thousand of euro – Tot. 7.500)*



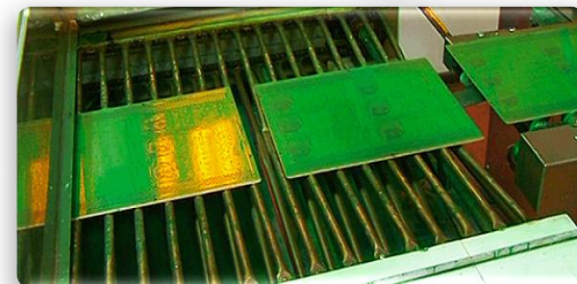


PRODUCTION by TYPE



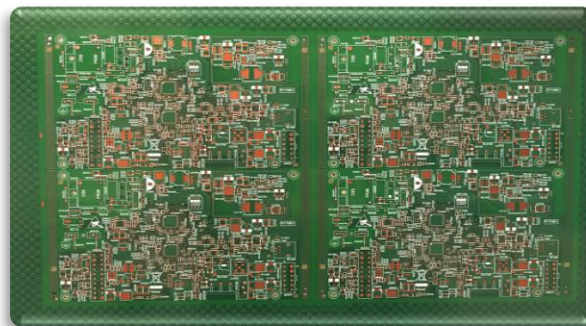
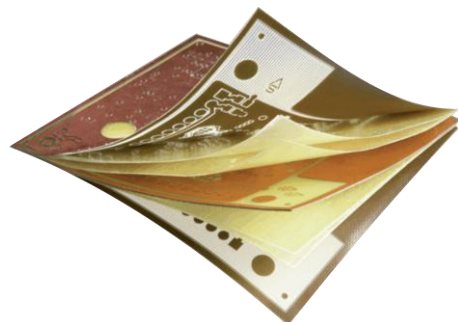


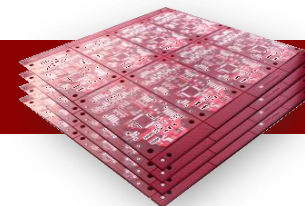
PRODUCTION



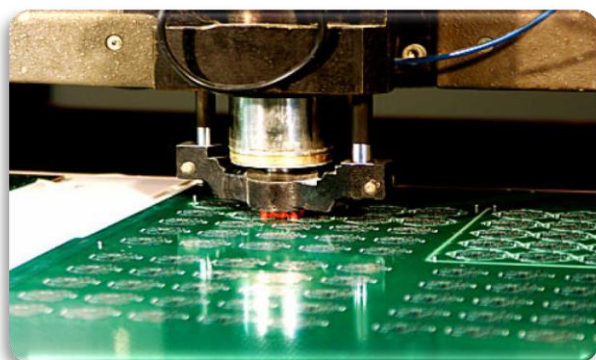
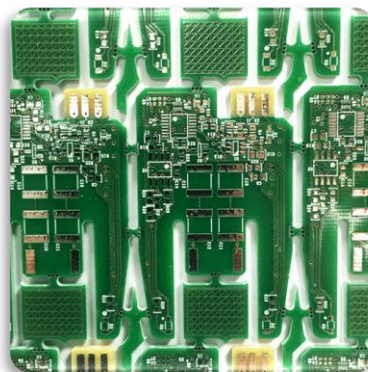
✗ Obrábek se ručně měřil. Pořadí rovnal nař. desekách pomocí ruč. otvorů obrábek, díky je obrábek poškozený. Nakládání pořadí a potom sňem mraza otvoru. Až se bude červecí bránit z měřením a j ručím, provedení bude mraze obrábek ochrání a vnitř ho mraze.

✗ Obrábek se ručně měřil. Pořadí rovnal nař. desekách pomocí ruč. otvorů obrábek, díky je obrábek poškozený. Nakládání pořadí a potom sňem mraza otvoru. Až se bude červecí bránit z měřením a j ručím, provedení bude mraze obrábek ochrání a vnitř ho mraze.

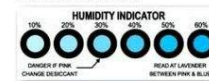




PRODUCTION

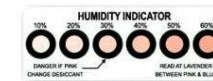


Common H.I.Card



Blue

Get Wet →



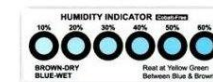
Pink

Green H.I.Card

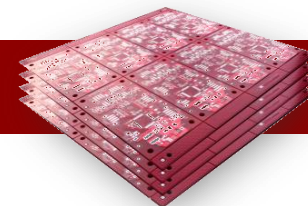


Brown

Get Wet →



Green



SERVICES

TM - SERVICES

TM-360

Tecnometal **360**

From the idea to the mass production

TM-24

Tecnometal **24**

Prototypes in 24/48 hours

TM-P

Tecnometal **Priority**

"Ad hoc" mass production
complex requests in quick and definite times

TM-A

Tecnometal **Assembly**

Prototypes assembly

TM-E

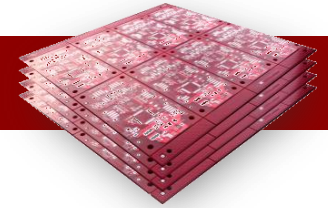
Tecnometal **Educational** Training

TM-E

Tecnometal **Educational** Training

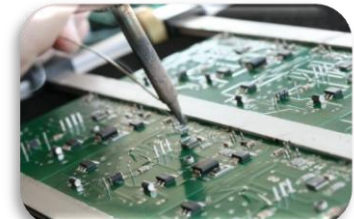
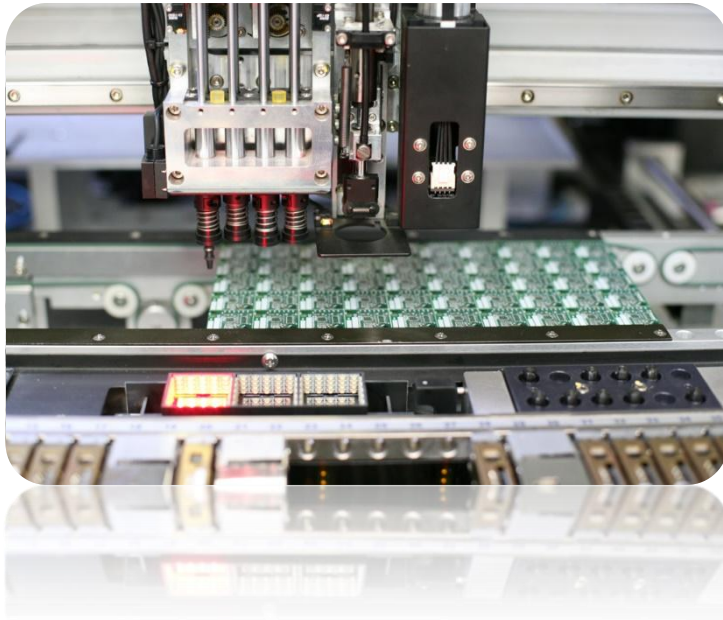
TM-A

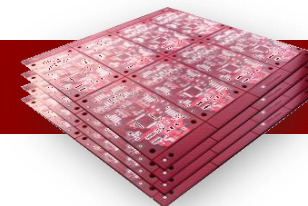
Tecnometal **Assembly** Prototypes assembly



TM-A TECNOMETAL Assembly

TM-A comes from over twenty years' experience in the field of industrial electronics Hi-Tech. It's a service "turnkey" addressed to all those who need to have a scrupulous assembly, quickly, on time and just "one partner" to develop of their prototypes.

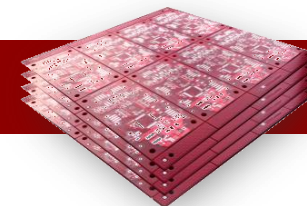




CAPABILITY

(1/2)

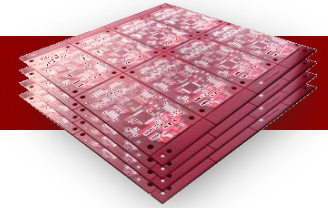
DESCRIPTION	STANDARD	SAMPLES
Layers number	12	16
Dim. Max. PCB 2 layers	600 x 500	630 x 550
Dim. Max. PCB ML	360 x 460	360 x 460
Thikness min. 2 layers	0,2	0,10
Thikness min. ML	0,6	0,4
Thikness max PCB	3,2	3,2
Thikness max Cu	105	105
Min Track outlayer	120μ	100μ
Min insulation outlayer	150μ	120μ
Min track innerlayer	100μ	100μ
Min insulation innerlayer	120μ	100μ
Min diameter hole	0,3	0,25
Aspect ratio	8:1	10:1
Min. annular ring (for./pad)	0,10 mm	0,075 mm



CAPABILITY

(2/2)

DESCRIPTION		STANDARD	SAMPLES
Blind/buried holes		YES	YES
Aspect ratio blind soles		1:1	1:1
Min insulation BGA		0,15	0,10
Impedance control		±10%	±10%
Solder dam		100μ	100μ
Surface finishes	HASL	YES	YES
	HASL LF	YES	YES
	ENIG	YES	YES
	OSP	YES	YES
	Immersion Ag	YES	YES
	Immersion Tin	YES	YES
	Hard Gold	YES	YES

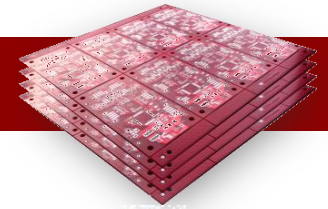


CONTROLS

TEST & CONTROLS

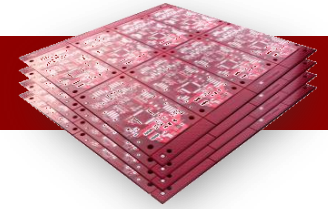
- Metallographic tests
- Dimensional Checking
- Checking of holes with micrometer buffers
- Checking of surface finished tickness
- Checking for the controlled impedance
- Checking of ionic contamination
- Checking copper thickness (holes)





OUR POLICY

“Every day experience is essential to enhance our sense of responsibility seizing from criticisms and suggestions valuable aids to enhance and refine our knowledge and skills in order to improve our customers satisfaction.”



QUALITY

Our products are complying with RoHS e REACH EU directives.
All the circuits are checked in accordance with the last revision of
IPC-A-600 CLASS 2 standard.



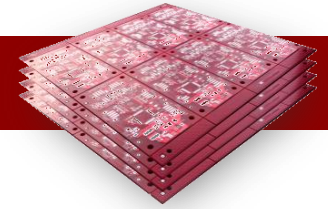
UL Certification file nr. E155803



Quality System ISO 9001:2008 IQNet

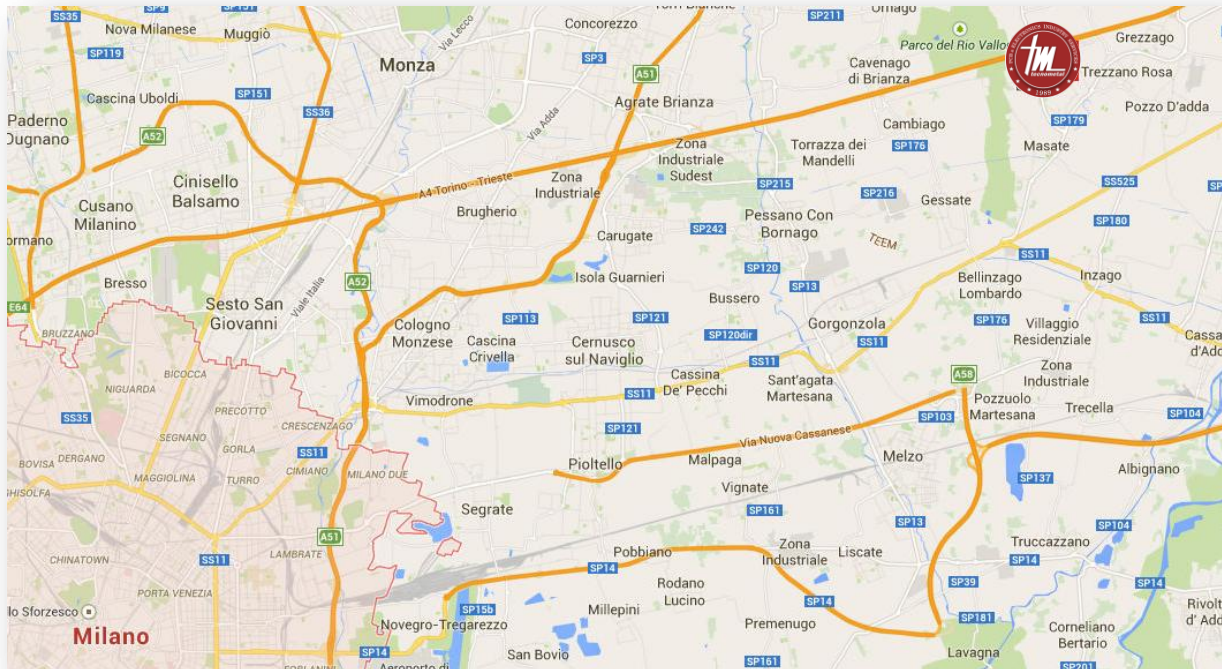


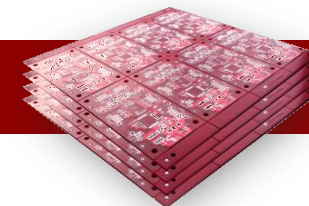
ISO 9001:2008 RINA 2639/99/S Certificate



WHERE WE ARE

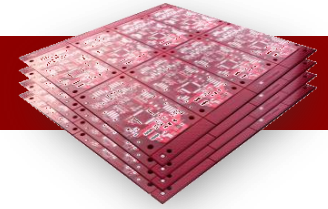
Milano – Venezia A4 Highway - Exit Cavenago/Cambiago or Trezzo sull'Adda.





CONTACTS

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 CMO (<i>Chief Marketing & Export Officer</i>)	Roberto ROSSET	roberto.rosset@tecnometal-pcb.com
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Thank you for your kind attention!

Roberto Rosset
Chief Marketing & Export Officer

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Mob. + 39 3482412546