

Stucchi®

Flat face solutions for modern agriculture machines

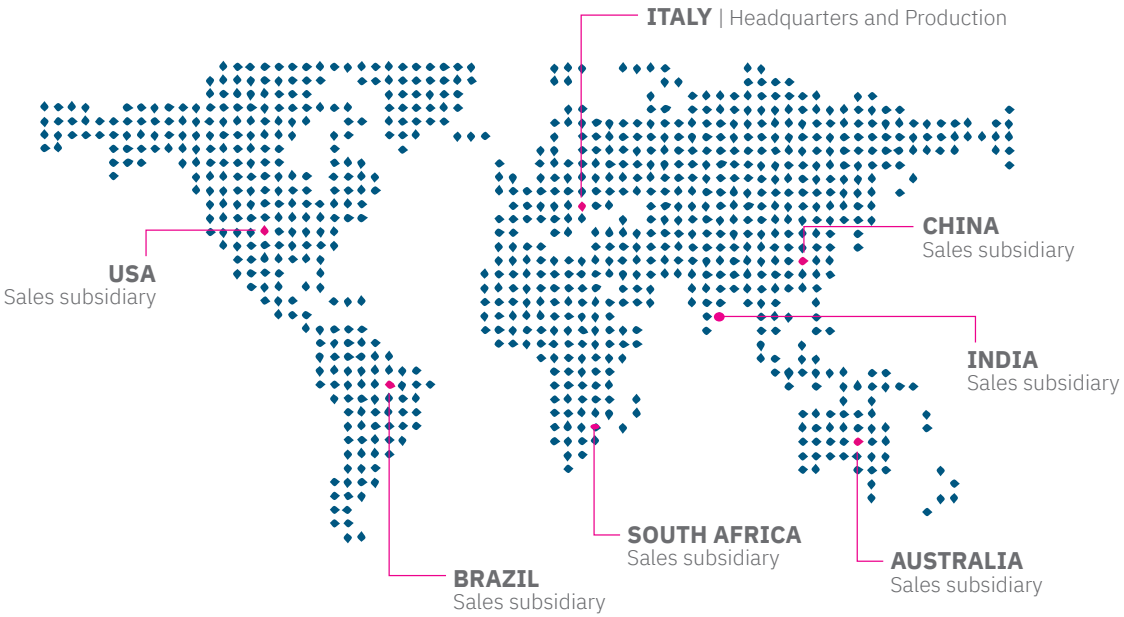
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The Company

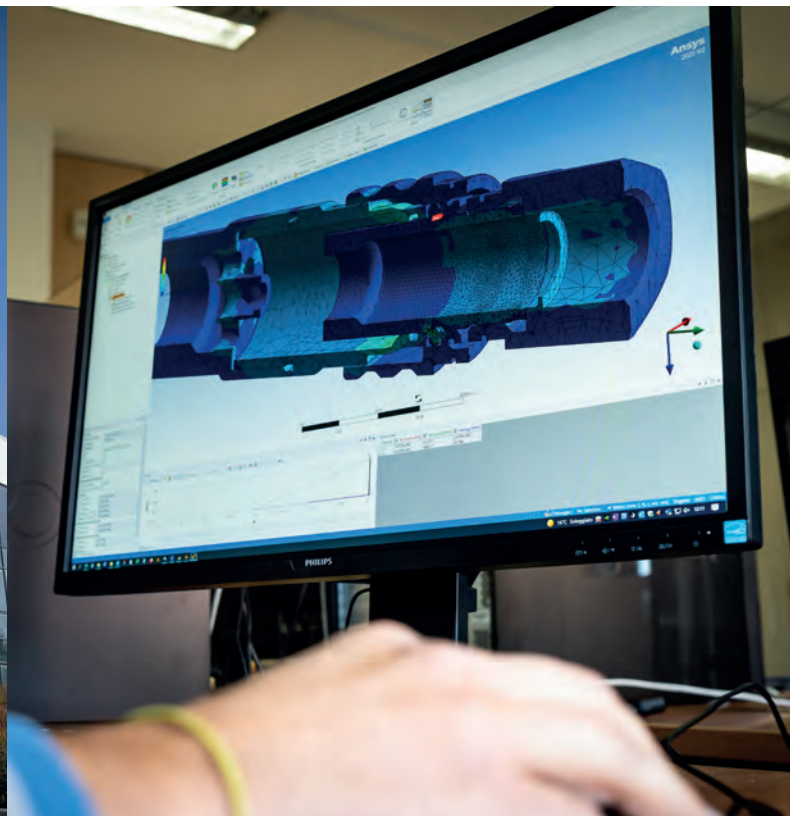
Stucchi was founded in 1960 in Italy and during these decades has gained a vast experience in the production of quick couplings for fluid transfer.

The vision that drives us to the future is to be recognized by our customers as their supplier of choice for fluid power products and solutions that are easy to use, safe, long lasting, environmentally friendly and that help in saving energy.

Stucchi in the world







Why Stucchi

- Specialized in quick couplings
- We listen to the needs of our customers
- Full range of products and interchangeability
- We design and test innovative solutions
- We have a dedicated stock
- Diversified services for our clients
- Safety and respect for the environment first
- 100% Made in Italy production, with a global sales network

Why Stucchi products

- Flat face design with no-spill valve
- Different solutions for Connection Under Pressure
- Durability under mechanical stress
- The original screw-to-connect couplings
- Minimal pressure drop design
- Flexibility to provide different port configurations
- Different safety locking options





The Stucchi proposition

Being the expert of quick couplings, with **more than 60 years of experience,** makes Stucchi the right partner **for hydraulic quick connection solutions,** also in the agriculture sector.

Thanks to its partnership with world leaders in the agriculture machines manufacturing, Stucchi has developed **specific innovations** and solutions for this demanding industry.

The main focus of Stucchi engineers is to **reduce the environmental impact,** thanks to **flat face designs** and technologies that minimize fluid spillage to the soil.

Tractor front

A SERIES



A-FS



Attachments

A SERIES



APM-P



Flat Face / ISO-A Adaptor





Multicouplings

DP



GR



Tractor rear

NEPTUNE



APB



A SERIES



Scan the QR to watch the videos with Stucchi solutions for Agriculture

Stucchi solutions for agriculture

Thanks to strong partnerships with leading agriculture equipment manufacturers, Stucchi has developed specialized solutions tailored to the demanding needs of this sector. These collaborations foster ongoing innovation and ensure high-performance products that meet the toughest field conditions.

Stucchi's deep expertise in hydraulics allows it to respond effectively to industry-specific challenges, delivering reliable and custom-engineered solutions that integrate perfectly with modern agriculture machinery.

Technical notes

	Size	Valving style	Connection system	Max operating pressure (bar)	Flow rate (l/min)	Material/Treatment	Connection Under Pressure	Multiple connections
Neptune	1/2", 5/8", 3/4"	- Cartridges Flat face (ISO 16028) - Cartridges Poppet (ISO-A)"	Push-pull, Lever	250	148	Carbon steel/ Cr3	✔	—
APB Power Beyond	1/4", 3/8", 5/8", 3/4"	Flat face (ISO 16028)	Push-pull	250	200	Carbon steel/ Zn-Ni	✔	—
APM-P	1/4", 3/8", 1/2", 5/8", 3/4", 1", 1-1/2"	Flat face (ISO 16028)	Push	420	750	Carbon steel/ Cr3 (Zn-Ni)	✔	—
A	1/4", 3/8", 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2"	Flat face (ISO 16028)	Push	420	750	Carbon steel/ Cr3 (Zn-Ni)	—	—
A-FS	1/2", 5/8"	Flat face (ISO 16028)	Push	330	148	Carbon steel/ Zn-Ni	—	—
DP	3/8", 1/2", 5/8", 3/4", 1"	Flat face	Lever	350	378	Carbon steel, Aluminum	✔	✔
GR	3/8", 1/2", 5/8", 3/4", 1"	Flat face	Lever	700	378	Carbon steel, Brass	✔	✔
Flat Face / ISO-A Adaptor	1/2", 5/8"	- Flat face (ISO 16028) - Poppet (ISO-A)"	Push, Single active sleeve	250	90	Carbon steel/ Cr3	—	—

The advantages of flat face couplings





POPPET

FLAT FACE

No spillage
No air inclusion
No dirt inclusion
Easy to clean
Higher performance
No damage for hydraulic system

When hydraulic lines are connected or disconnected, there should be **no contamination** from inside the circuit to the outside environment or vice versa, from the outside environment to inside the circuit.

Flat face coupling technology is among the best performing in most application areas, providing significant benefits that translate into greater operational efficiency, less wasted time and fewer risks, both in terms of the environment and personnel. The **special design of the flat face valve** gives rise to a reduction in fluid spillage to the outside, protecting both workers and the environment. The same system limits entry of external substances into the circuit, preventing malfunctions and reducing wear.

Flat face valves are also easier to clean, reducing the time required for maintenance and providing **greater efficiency** in the area of application.

Scan the QR to watch the video explaining the advantages of Flat Face in Agriculture



Multicouplings for agriculture machines

Some examples of applications and attachments where Stucchi Multicouplings can offer an **optimal solution** for an easier and safer working experience.

Scan here for more technical information

Telehandler

DP2 2A-2EC V04
DP2 2B-2EC V04
DP2 2B-2EC V05





Frontloader

DP4 4A-2EC
DP4 4B-2EC
GR6 6A-2EC
GR6 6B-2EC





Olive shaker

GR6 2A-2B-2C-2EC





Stucchi®

For complete technical information see www.stucchigroup.com
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