

IA
TF
16949:2016

SANE MECHAINC INDUSTRIAL CO., LTD.

No.52, Ln. 241, Sanshe Rd., Shengang Dist.,
Taichung City 429, Taiwan.

☎ +886-4-25632528 📠 +886-4-25632523
✉ Sales@sanemech.com



🌐 www.sanemech.com

SANE
MECHANIC

Taiwan quality spare parts for trucks,
buses and trailers

COMPANY
PROFILE
2023-2024

SANE MECHANIC is a leading heavy-duty vehicle parts manufacturer in Taiwan with a history of over 35 years. We specialize in producing high-quality OEM and aftermarket spare parts for trucks and trailers.

SANE
MECHANIC

Since 1988, we have established strong customer relationships worldwide. We supply essential heavy-duty spare parts to customers in over 50 countries.



Production and assembly area

DELIVERING EXCELLENCE



In house R&D capability



Inspection. Excellence in Every Detail



Manufacturing Competence



100% Testing Before Shipment



Matching OE Quality



IATF 16949:2016 Certificate





RESEARCH & DEVELOPMENT

Engineering excellence embedded in our DNA

Our founder, Andy Kuo, is an engineer who consistently emphasizes the importance of quality. Through intensive discussions and rigorous testing across all departments, our primary objective is to deliver high-quality products to our customers.

Additionally, we collaborate closely with esteemed universities to enhance our capabilities.



Every Detail Matters

No detail is too small to overlook. From concept to execution, we leave no detail unattended, delivering exceptional products that consistently exceed expectations.

IN-HOUSE MANUFACTURING

In order to control quality details, we possess several in-house CNC machines for manufacturing sub-components, thereby ensuring a higher level of stability in quality.

Rigorous process inspections have also been implemented throughout the production process to ensure consistent quality.





Keyence instant
measurement system

QUALITY ASSURANCE

Our factory is equipped with a diverse range of advanced measurement instruments. With well-trained quality assurance personnel, we uphold a rigorous control process throughout production.

For every 4 hours, we inspect our parts that have just been machined using Zeiss CMM.



Lean cellular assembly line

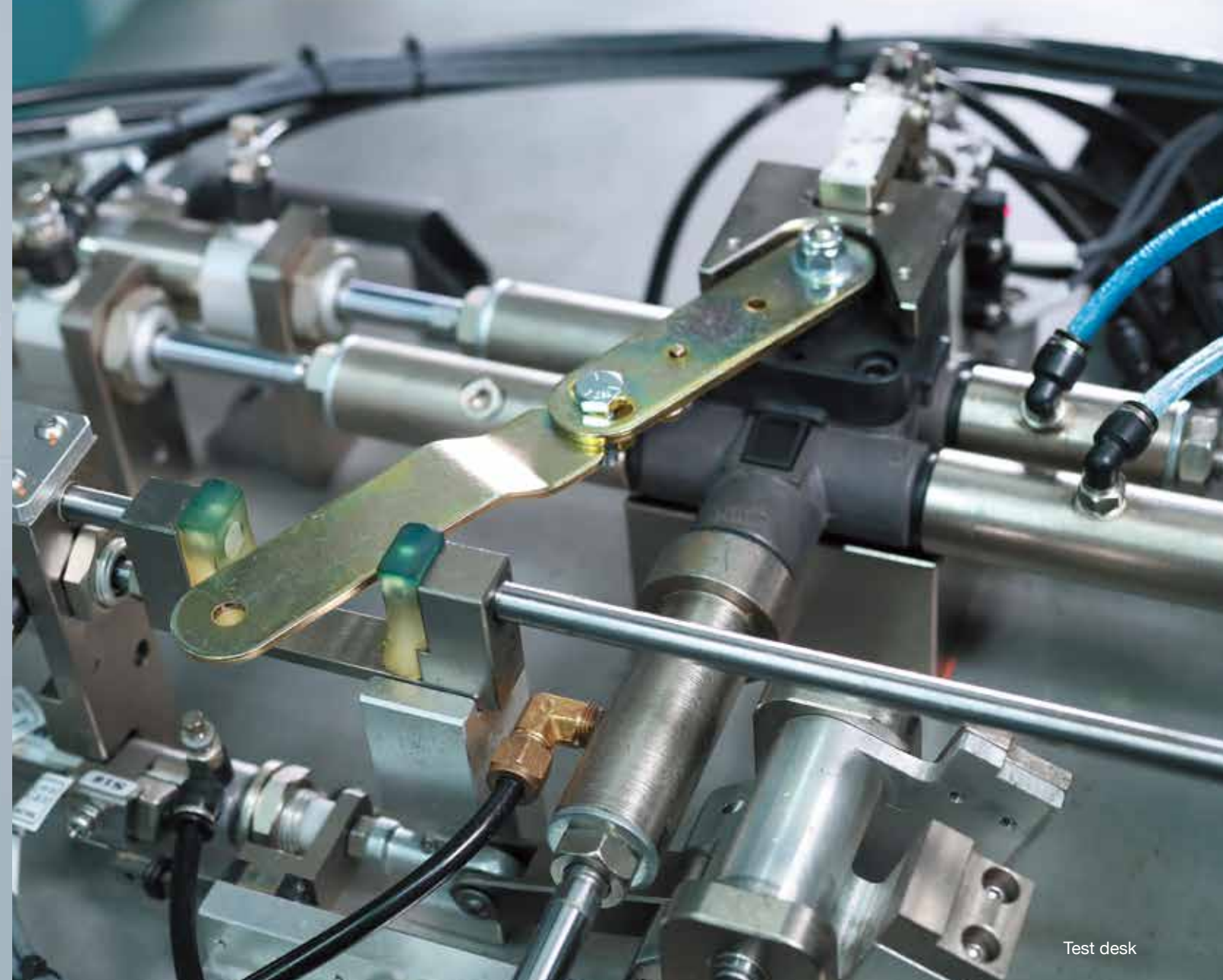
LEAN PRODUCTION

Assembly quality is critically important for product quality, especially when it comes to truck valves. SANE MECHANIC is committed to implementing lean production practices.

Our engineers are dedicated to producing a variety of Poka-yoke fixtures and introducing automation equipment to ensure the quality and reliability of assembly processes. Our precise assembly techniques guarantee impeccable product quality.



Programmable Temp. & Humid. Chamber
For Durability & Thermal Shock Test



Test desk

RELIABILITY VERIFICATION

Reliability is always the customers' first concern.

To achieve this, SANE MECHANIC is committed to conducting thorough reliability verification processes, whether executed internally or outsourced to TAF-certified lab.



- ✓ Durability test – 1,000,000 times
- ✓ Exceeding Max. pressure test
- ✓ Contaminant test
- ✓ Salt spray test
- ✓ Vibration / Drop test
- ✓ Thermal shock (-40 °C ~ +135 °C)

100% TESTED ZERO COMPROMISE

At SANE MECHANIC, all products must pass strict testing specifications, including functional and leakage tests. Only products that are completely flawless are accepted and included in the SANE product line.

2 YEARS WARRANTY

In order to demonstrate our high quality standards to our global customers, we provide a 2-years manufacturer warranty for all replacement parts.



BRAKE



FOOT / HAND BRAKE VALVE
TRAILER SPRING BRAKE VALVE
PROTECTION VALVE
PRESSURE REGULATOR
MV-3 CONTROL MODULE

RELAY / RELAY EMERGENCY VALVE
DASH VALVE
QUICK RELEASE VALVE
PRESSURE PROTECTION VAVE
DRAIN VALVE

SUSPENSION



HEIGHT CONTROL VALVE
ECAS LEVEING SENSOR
SOLENOID VALVE
ROTARY SLIDE VALVE

ECAS SOLENOID VALVE
ECAS PRESSURE SENSOR
CABLE HARNESS

ENGINE



FUEL PUMP
OIL & AIR PRESSURE SENSOR
FUEL VALVE & KITS

EGR VALVE BLOCK
FAN CLUTCH SOLENOID VALVE
EXHAUST BRAKE VALVE

TRANSMISSION



PWM SOLENOID VALVE
INTEGRAL OIL PUMP
RETARDER PROPORTIONAL VALVE
POSITION SENSOR

GEARSHIFT HANDLE
GEARBOX VALVE
POSITION CYLINDER

GREEN ENVIRONMENT

With a people-oriented approach, we are committed to creating a green and relaxing environment for our employees.

CARING COMMUNITY

We actively engage with the local community and support community activities, reflecting our dedication to social responsibility.

