

TRANSFORM MANUAL WELDING INTO SMART AUTOMATION

High-performance robotic welding cells engineered by **KUKA**.

Delivered and supported locally in Singapore by:



**KUKA's Official Distributor
in Singapore**

SUPPORTED LOCALLY by **HoST**



PRECISION
Consistent weld quality



PRODUCTIVITY
Faster cycle time & higher output



SAFETY
Protect employees from hazards

CHALLENGES OF MANUAL WELDING

- Labour shortage
- Inconsistent weld quality
- High manpower cost
- Slow production output
- Safety risks for workers



OUR SOLUTION: KUKA WELDING AUTOMATION

- 24/7 automated production
- Consistent, high-quality welds
- Faster cycle time & higher output
- Lower total cost, higher ROI
- Improved safety & reduced risks

IDEAL FOR A WIDE RANGE OF INDUSTRIES



AUTOMOTIVE PARTS



METAL FABRICATION



HEAVY EQUIPMENT



FURNITURE FRAMES



ELECTRICAL CABINETS



STRUCTURAL STEEL



STAINLESS STEEL PRODUCTS



AND MORE



TRUSTED BY MANUFACTURERS
ACROSS SINGAPORE



CHOOSE THE BEST WELDING ROBOT FOR YOUR PRODUCTION



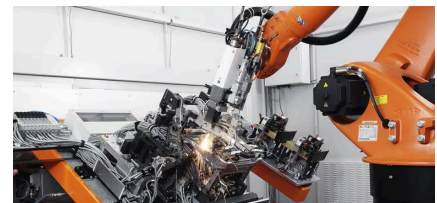
ARC WELDING ROBOTS

- High precision seam welding
- Flexible programming
- Fast model changeover



SPOT WELDING ROBOTS

- High force welding
- Fast cycle time
- Automotive ready



LASER WELDING ROBOTS

- Precision seam tracking
- High speed welding
- Premium quality finish



EXPERTISE ACROSS ROBOTIC WELDING APPLICATIONS

From TIG welding to MIG/MAG welding and special welding processes, we support our customers and integrators with our know-how in automation and process expertise.

- MIG/MAG Welding
- TIG Welding
- Arc Welding
- Laser Welding
- Spot Welding
- Plasma Welding
- Friction Stir Welding
- Aluminium Welding



**READY TO AUTOMATE
YOUR WELDING LINE?**

Reduce labour. Improve quality. Scale faster.

Authorised Distributor:



HOST PTE LTD
No 101 Eunos Ave 3, #07-06 TSL
Building, Singapore 409835



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PALLETIZING WITH KUKA PA ROBOTS

Smart palletizing solutions built for high-throughput operations.



Purpose-Built for Speed, Precision and Throughput



CONSISTENT STACKING

Precise and repeatable palletizing every cycle



24/7 HIGH-SPEED OPERATION

Maximize throughput with non-stop productivity



FLEXIBLE LOAD HANDLING

Handle multiple load types with stability and control



WHY KUKA PALLETIZING?



HIGH PERFORMANCE

- ✓ High-speed operation
- ✓ Consistent stacking accuracy



VERSATILE

- ✓ Multiple load types
- ✓ Flexible applications



COMPACT

- ✓ Space-saving design
- ✓ Easy integration



LOW MAINTENANCE

- ✓ Reduced downtime
- ✓ Energy efficient



IDEAL FOR A WIDE RANGE OF INDUSTRIES



CARTON BOX PALLETIZING



BAG & SACK HANDLING



BEVERAGE & FMCG



WAREHOUSE & LOGISTICS



END-OF-LINE PACKAGING



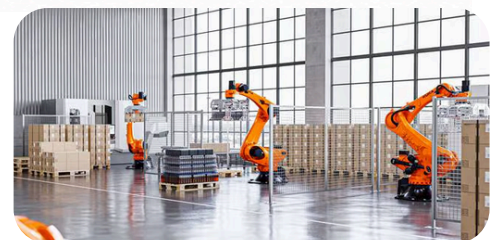
MIXED SKU PALLETIZING



COLD STORAGE & FROZEN



HEAVY INDUSTRIAL STACKING



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AUTOMATED **QUALITY** INSPECTION



ZERO DEFECTS . FULL CONTROL

FUTURE-PROOF YOUR QUALITY CONTROL

KUKA robotic inspection solutions deliver high precision, speed and reliability. Detect even the smallest defects in real-time, ensure consistent product quality, reduce errors and rework, and improve your production efficiency.



CONSISTENT ACCURACY

Precision detection in every cycle



HIGH-SPEED INSPECTION

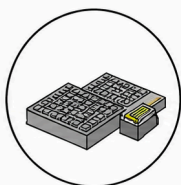
Inline, real-time quality control



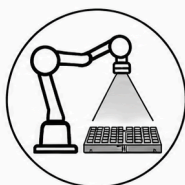
REDUCED LABOUR DEPENDENCY

Less manual inspection required

HOW IT WORKS



1 LOAD PARTS



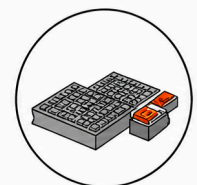
2 SCAN & INSPECT



3 VERIFY QUALITY



4 FLAG DEFECTS



5 REPLACE & CONTINUE

HIGH PRECISION | FLEXIBLE INTEGRATION | SCALABLE | LOW MAINTENANCE



READY TO AUTOMATE YOUR QC LINE?

Reduce labour. Improve quality. Scale faster.

Authorised Distributor:

host
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