



WKPT Precision News

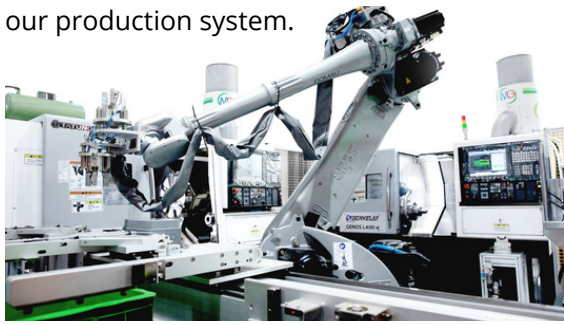
World Known, Well Known

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WKPT Update

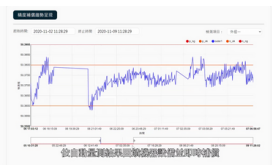
WKPT Carried Out Smart Production Line

WKPT is a total solution provider integrates multi-metal and multi-process. We produce products covering several industrial fields, including commercial vehicle, wind power, construction machinery and agricultural machinery... etc. Under the trend of smart manufacturing, we are thinking how to raise efficiency by introducing new technology into our production system.

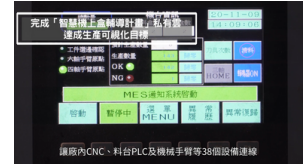


Robotic Arm

Since 2019, we started smart production line with government project subsidy, focusing on data analysis and production process optimization. We build IoT to collect data from machine, also create information security system for real-time sales & production situation surveillance and analysis, to improve management efficiency. With two years of efforts, we've improved overall manufacturing benefit by real-time data delivery of smart production line, heading to smart manufacturing.



IoT and integration system for lower yield loss



Smart machine box for production data visualization

Information Express

Things Changed Up In High-Speed Machining



Hole Machining



Curved Surface Machining

WKPT expanded our machining capacity from high-strength casting iron machining in the past to light-metal alloy machining. The feature of our machining moved to high-speed cutting, which is different from our existing casting iron machining equipment. In this way, we gradually changed our procurement policy on high-speed and high precision equipment in these two years.

Take the vertical machining center recently purchased for example, it has high-rigidity, high-speed spindle with rotating speed up to 15,000rpm and each axis is able to do quick positioning. It can also do curved surface machining by its controller with high-speed traction. After importing these machining centers, we are capable of doing curved surface machining, along with existing hole machining capacity. With current 6000-8000rpm heavy cutting equipment for casting iron and steel, and upcoming high-speed five-axis machining center, we will be able to provide comprehensive machining service for our customers.

Industry News

Auto Production Jumped 11.2% in July, Fed Says

According to the latest report from The Fed, the industry of automobile and its parts are driving near half of growth in manufacturing output despite the ongoing semiconductor shortage. Since the outbreak of COVID-19, the production of automotive chip was affected and in shortage. However, according to The Fed's data, automobile and parts production was 11.2% higher in July compared to June at annualized rate. The automakers were on track in July to put together 9.70 million vehicles and 7.97 million trucks at an annualized rate, and this will drive demand increased in consumer goods and business equipment.

Table 3 Motor Vehicle Assemblies
Millions of units, seasonally adjusted annual rate

Year	2020			2021			2022		
	Jul	Jun	May	Jul	Jun	May	Jul	Jun	May
Motor Vehicle Assemblies	9.80	8.75	8.95	9.70	8.95	8.95	9.70	8.95	8.95
Light Trucks	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80	5.80
Motor Vehicle Assemblies	3.90	2.95	3.15	3.90	3.15	3.15	3.90	3.15	3.15

Motor Vehicle Assemblies / Chart: The Federal Reserve

"Motor vehicles and parts drove almost half of manufacturing production growth, despite a continued shortage of semiconductors."

Under the global situation of material shortage, container shortage and port congestion, manufacturers are facing severe challenge and uncertainty by pandemic. Hence, WKPT starts digital transformation in smart production line, improving production efficiency with flexible schedule. We put steady supply as priority, by keeping close contact with customers and suppliers in order to minimize the risk of shortage for our customers.

Table 1 Industrial Production: Market and Industry Groups (percent change)

Year	2020												2021											
	Jul	Jun	May	Apr	Mar	Feb	Jan	Dec	Nov	Oct	Sep	Aug	Jul	Jun	May	Apr	Mar	Feb	Jan	Dec	Nov	Oct		
Industrial Production	1.1	0.7	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	

Industrial Production: Market and Industry Groups (percent change) Chart: The Federal Reserve

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