

GLOSSARY OF TECHNICAL TERMS

This glossary of technical terms contains explanations of certain terms used in this document in connection with our Group and our business. The meaning of these terms may not necessarily correspond to standard industry meaning or the usage of these terms.

“5G”	5th-generation mobile communication technology
“AGV”	automated guided vehicle, a self-guided automated vehicle designed to autonomously transport materials in industrial manufacturing
“AI”	artificial intelligence, an area of computer science that focuses on machinery simulation of intelligence displayed by humans and other animals
“CAC”	Cyberspace Administration of China
“CAGR”	compound annual growth rate
“CC”	Company Communications, an online customer service system that integrates real-time communication, customer management, service monitoring, and data analytics into a single internet-based platform
“CFR”	cost and freight, where seller arranges and pays to transport goods to the destination port, and the buyer assumes risk once goods are loaded
“CIF”	cost, insurance and freight, where seller arranges and pays to transport goods to the destination port (including insurance); buyer assumes risk upon loading at the origin
“CII”	critical information infrastructure, the important network facilities and information systems in important sectors, whose destruction, failure or leak of data, may result in serious damage to national security, economy, public welfare or public interests
“CIIO”	critical information infrastructure operator
“Client-Edge-Cloud”	a distributed computing architecture, aiming to optimize system performance, reduce latency, and improve resource utilization by distributing computing tasks among clients, edge devices, and the cloud
“CNC”	computerized numerical control
“CRM”	customer relationship management system

GLOSSARY OF TECHNICAL TERMS

“CVT”	continuously variable transmission, an advanced transmission system in tractors that enables smooth, uninterrupted speed changes without fixed gear steps by automatically adjusting the transmission ratio based on real-time load conditions
“ERP”	enterprise resource planning, a business process management software that allows an organization to use a system of integrated applications to manage the business and digitalize back-office functions relating to technology, services, and human resources
“FOB”	free on board, where the seller assumes responsibility until products are loaded onto the shipping vessel
“horsepower”	a unit of measurement of power
“Huang-Huai-Hai”	a significant region in eastern China, formed by the alluvial of the Yellow River, Huai River, and Hai River, and serves as a vital agricultural base with a dense population and rich cultural heritage
“Transmission”	a transmission mechanical device used to adjust the speed and torque based on road conditions and operator requirements by shifting gears
“gear shift”	the act of changing the gear ratio in an engineering machine’s transmission, which adjusts the balance between speed and torque
“GHG”	green house gas, which absorbs infrared radiation emitted from earth’s surface and reradiating it back to earth, thus contributing to the greenhouse effect
“intelligent agricultural machinery”	agricultural machinery that integrates information technologies such as artificial intelligence, remote communication systems, big data, cloud computing, sensors and automatic control with agricultural machinery, equipment and technologies, which is an industry term as advised by our Industry Consultant
“IP”	intellectual property
“ISO 9001”	a standard published by ISO, prescribing requirements for a quality management system in an organisation
“ISOBUS”	ISO 11783, a standardised communication protocol used in agriculture and forestry machinery
“IoT”	internet of things, the collective network of connected devices to facilitate communication between devices and the cloud, or between devices themselves
“IT”	information technology

GLOSSARY OF TECHNICAL TERMS

“kg/s”	kilogram(s) per second
“kJ”	kilojoules
“mechanical shift”	a transmission system in tractor that requires manual gear changes using a clutch
“MES”	manufacturing execution system, a system used to track and document the transformation of raw materials to finished products in a production plant
“MIIT”	Ministry of Industry and Information Technology of the PRC
“mu”	mu, unit of area measurement, equivalent to approximately 666.67 square meters
“kWh”	kilowatt hour, unit of energy delivered by one kilowatt of power for one hour
“PMS”	project management system
“power shift”	a semi-automated transmission system in tractors that enables gear changes without the use of a clutch, instead relying on levers or buttons for quick shifting
“PTO”	power take-off, a tractor drive shaft that transmits engine power directly to attached implements
“R&D”	research and development
“SKU”	stock keeping unit
“smart agricultural solution”	a systematic solution providing a suite of intelligent agricultural equipment and digital, interconnectivity services grounded on the essence of smart agriculture, an industry term as advised by our Industry Consultant
“‘space-air-ground’ agricultural monitoring framework”	a system that combines agricultural data (including seeding status, soil moisture, pest conditions and disaster indicators) collected via IoT sensors, drone imaging and satellite remote sensing, as well as operational data collected via intelligent agricultural machinery, which is analyzed through the smart agriculture management platform to generate actionable instructions and decisions
“sq.m.”	square meter
“SRM”	supplier relationship management
“TBOX”	telematics box, a vehicle electronic control unit handling bidirectional communications between a vehicle and the outside world
“tCO ₂ e”	metric tonnes of carbon dioxide equivalent, illustrating the amount of GHG emitted during a given period