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China's Zoomlion advances Intelligent Agricultural Machinery to safeguard summer grain harvestÂ

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Revolution in China's agritech sector

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Zoomlion Heavy Industry Science & Technology Co., Ltd. is spearheading all-out efforts to safeguard the summer harvest as China's "Three Summer" jobs â?? summer harvesting, planting, and field management â?? are now in full swing.

Among the high-quality grain combine harvesters in Changzhuang Town, Suiping County, Zhumadian City, Henan Province are Zoomlion's grain combine harvesters; the crawler-type PL80 harvester achieved outstanding results at the mechanical harvesting loss reduction skills competition in Anhui as well.

Zoomlion **TE100-DH** harvester is powered by an electric motor, offering fast response times and simplified gear shifting. It can adjust power output intelligently to keep the engine running at optimal conditions, resulting in fuel savings of 30% compared to traditional models. The TE100-DH not only has a very low failure rate, Zoomlion's after-safes team can also respond 24 hours a day to guarantee the harvesting.

As the agricultural industry continues to evolve, Zoomlion's intelligent technologies are advancing the agricultural jobs to reach new heights. By leveraging the BeiDou positioning system alongside AI-driven path planning, automatic obstacle avoidance, and remote instruction capabilities, Zoomlion's unmanned harvesting machines have achieved impressive precision and efficiency, leading to significantly increased harvest yields.

By implementing comprehensive digital and intelligent strategies, Zoomlion has transformed its service offerings. An intelligent control center, four service columns, and four support centers have been developed to boost operational efficiency. A large-

scale service team of 2,200 professionals has been formed to provide quick responses, on-site assistance, and immediate troubleshooting as part of the expansion of its network with 107 new standard agricultural machinery service stations.