

# China Agricultural Machinery Industry Report, 2007-2008



In 2007, China's development of agricultural mechanization entered the intermediate stage from the initial stage, indicating that China's agricultural mechanization has entered a new historical phase. By the end of 2007, China's integrated mechanization level of plowing, seeding and harvesting has reached 41%, demonstrating that China has moved into a new era of developing modern agriculture through increasing agricultural machinery and reducing labor force.

In 2007, China's total area plowed, sown and harvested by machines reached 2.43 billion mu (Chinese unit of area). China's agricultural mechanization level had a big jump and its integrated agricultural production capability had a significant improvement in the past year. Among the three major grain crops: wheat, paddy and corn, more than 81% of wheat was sown and harvested by machine averagely, showing a full production mechanization achieved basically; 11.2% of paddy was sown and 44.1% of paddy was harvested by machine respectively; and 58% of corn was sown and 6.8% of corn was harvested by machine respectively.

### Total Quantity of China Agricultural Machinery in 2007

	2007	Growth rate
Total Output Value of Agricultural Machinery	CNY150 billion	+15%
Gross Power of Agricultural Machinery	750 million KW	+3.30%
Total Number of Tractors	18.341 million units	+6.12%
Total Number of Large- & Medium-sized Tractors	1.893 million units	+9.70%
Total Number of Combine Harvester	608,000 units	+7.10%
Total Number of Paddy Transplanters	144,000 sets	+28.60%

Source: China Association of Agricultural Machinery Manufacturers

### Mechanization Level of Farm Operation in China, 2007

	2007	Growth rate
Plowing	57%	9.40%
Seeding	33%	1.85%
Harvesting	27%	7.14%
Integrated mechanization level of plowing, seeding and harvesting	41%	7.89%

Source: China Association of Agricultural Machinery Manufacturers

In 2007, China had a continuous and stable growth in import and export of agricultural machinery. According to the statistics from the General Administration of Customs, China's import and export value of agricultural machinery, including internal-combustion engine and irrigation & drainage machinery, was US\$19.01 billion, up 39.37% year-on-year, with a trade surplus of US\$1.439 billion posted in the year. It is forecasted that in 2008, China will continue to maintain a momentum of stable growth in import and export of agricultural machinery.

In 2008, China agricultural machinery industry will keep the trends of a sustained, steady, fast and harmonious development and its total output value will increase by 10%-15% year on year to CNY165-170 billion. The output of large- and medium-sized tractors will reach 200,000-220,000 units and that of combine harvesters will amount to 70,000-80,000 units.



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