



● Tractors shift gears in sync with engines, radiator-cooling performance advances

The Kubota M105X and M125X tractor system enables the tractor to automatically shift gears by monitoring engine performance. Operating efficiency is increased, particularly in varying conditions. The system automatically controls the shifting among any three-gear ranges but can be set to control two-gear (one shift) to four-gear range (three shifts) as dictated by the application. Previous automatic transmission systems could not replicate normal shifting patterns of an experienced operator. The radiator-cooling performance of the M125X and M105X are improved over previous models. To better cooling performance in dusty fields, Kubota analyzed airflow in front of the radiator and front grill and optimized the flow using airflow-control plates. This allows for uniform airflow around the grill and reduces air velocity around the net to prevent clogging. The end result allows the operator to work longer hours without having to clean the grill or radiator.

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