

# Smart Sieve™ Grain Cleaning System



The New Holland Smart Sieve™ Grain Cleaning System is a patented self-leveling system that allows New Holland CS and CSX combines to separate high volumes of grain with minimum grain loss and maximum cleaning efficiency on side slopes of up to 25 percent, depending on the crop. The system adds a side-to-side pre-sieve and top-sieve movement to keep grain kernels from concentrating on the low side, using a combination of pivoting rods and cranks. An electric actuator positions the rod pivot points to match the degree of the slope, giving equal performance on left and right slopes. The Smart Sieve™ system adapts automatically to different crop types. It uses a variable speed fan to detect grain-kernel size and density, using the fan speed information to adapt the throwing angle and amount of lateral movement for more precise slope correction and amount of sideways shaking action.

**CNH Belgium NV**, Zedelgem, Belgium;  
*011-325-025-3365, [www.newholland.com](http://www.newholland.com)*