

60,000-Lb. Twin Cylinder Lift Jack

Farm equipment keeps getting bigger and so do Emerson Jacks. The company's new 60,000-lb. twin cylinder air-over-hydraulic lift is a far cry from the car bumper jacks the company first made in 1960, says founder Fran Voss.

"We went entirely to heavy jacks because tractors, combines and other equipment were getting so much bigger," says Voss. "The new SC-60, with its 16 1/4-in. starting height, is designed for farm tractors, combines and sprayers. With a combination of the optional lift bars and the 8-in. stroke, the lift pad can reach a maximum height of 90 1/2 in."

The company makes a wide variety of wheel jacks, bottle jacks, ramps and more, much of it for tire shops. The farm service jacks are specially designed for challenging conditions. Hydraulic cylinders are completely enclosed, and air-over-hydraulic pressure ensures maximum load with a smooth lift.

Air-powered jacks require high-pressure compressors. With air-over-hydraulic, only 110 lbs. of pressure is required to achieve 10,000 psi. The air-powered motor drives a

hydraulic piston back and forth to provide hydraulic pressure for the lift.

The model 15 has a lift capacity of 30,000 lbs., and the model 25 has a capacity of 50,000 lbs. Both are powered by Emerson's own air-over-hydraulic pump with turn-valve control.

"When we went to the SC-60, we went with a different pump in order to add a foot control valve option," says Voss. "The foot control and pump can be removed from the base, allowing the operator to raise and lower the jack without being under the machine."

The SC-60 comes with a single height adjustable lift bar. Two optional lift bars are available, one that can also be used by itself and the other to be used in combination with the first two for even greater heights.

"The Lift Bars are made from high stress steel," says Voss. "With the heights they extend to and the weight they carry, regular steel would bend like a pretzel."

In addition to high stress steel, the SC-60 is designed for stability. Steel tubes 1/4 in. thick ride over the cylinders to guide them and shield them from the elements. The lift



Emerson's 60,000-lb. twin cylinder air-over-hydraulic lift is designed to handle today's big farm equipment.

pad/bars are centered between the cylinders for optimal load balance.

The SC-60 with a single lift bar is priced at \$2,195.

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