The Duke – A Mobile, Self-Propelled, Diesel-Powered Scissors Lift

The Duke is a diesel-powered scissors lift that is self-propelled. All four wheels steer and it can be driven from control cabs at each end. All hydraulics are controlled from one cab equipped with signal lights that inform the operator the exact position of the scissors lift. The scissors are mounted on three table platforms that can be individually controlled. After the machine is leveled with outriggers, the tables can be moved forward, backward, or sideways with a tolerance of 1/16 in. The machine was designed and built in 1990 by Starks Construction Co., Inc. to hang ceiling panels in modular construction instead of erecting time-consuming scaffolding. The machine is easily transported over the highway to other job sites since its 28 ft. width can be reduced to 9 ft. A patent is pending.

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