



Electric Pedestrian Stackers

Categories 2G/2D (Zones 1/21)

SichelschmidtAG
material handling solutions

It's better to be safe than sorry!

Explosion proof industrial forklift trucks from Sichelschmidt are up to every task. Our trucks are specifically designed and built for these demanding and volatile areas of application. All Sichelschmidt Zone 1/21 equipment is tested and certified according to strict guidelines for the use of electrical equipment in category 2G/2D explosion hazardous areas by the German Institute for Physics and Technology (PTB), Braunschweig.

For the North American market, Sichelschmidt offers NRTL-FM approved and certified EX rated equipment for Class 1, Division 1, Group C&D.

All Sichelschmidt trucks are powered by an electric three-phase ASM-AC motor technology. The ASM technology offers many long-term benefits such as:

- reduced parts and maintenance costs
- improved equipment up-time
- increased productivity
- reduced energy consumption and
- fully programmable driving characteristics

Sichelschmidt are combining decades of experience and innovation in explosion proof forklift construction to benefit our customers.



Sichelschmidt supplies Class 1, Division 1 licensed vehicles for the American market.



Electric Pedestrian Pallet Truck d 100 EEx

The d 100 EEx Z1/21 is small, compact and ideal for the horizontal transportation of pallets and containers. EX protected and built with the renown Sichelschmidt quality, it can lift 2500kg while maintaining a very low tare weight.

Electric Pedestrian Stacker

d 400 EEx

When things get tight, the d 400 EEx Z1/21 will show its skills. The compact design of the stacker ensures an orderly flow of loads weighing up to 2000kg along narrow warehouse and production aisles. The d 400 EEx Z1/21 is engineered to transport and stack (Euro) pallets and containers in 2G/2D explosion hazardous environments.



Options: The d 100 and the d 400 pedestrian trucks can be equipped with a fold-down or fixed rider platform. With this feature the trucks are able to travel up to 10 km/h when being utilized as a rider truck, while in its pedestrian configuration travel speeds will be limited to a maximum of 6 km/h. A rider platform is the ideal solution for applications where long distances must be traveled.

Option d 400 EEx B

Bumps, loading ramps, slopes – A Sichelschmidt d 400 EEx Z1/21 with optional base lift handles them all with ease.



Electric Pedestrian Straddle Stacker d 500 EEx

With its wide base-legs, the d 500 EEx Z1/21 is designed for handling non-standard loads and GMA (US) pallets. The base legs straddle the load while standard hook type forks enter the load. By using hook type forks you can easily handle loads with a low under-clearance. The d 500 EEx Z1/21 is the ideal base unit for applications that require the use of forklift attachments.



Electric Pedestrian Reach Stacker d 1200 EEx

The pedestrian reach truck is the most versatile unit we offer. With its compact design, tight right angle stacking capabilities, high load capacities and impressive lifting heights, the d 1200 EEx Z1/21 offers a solution for almost every application. This truck is the ideal link between warehousing and production. The universal design allows for a variety of attachments to be added and removed through a quick disconnect hydraulic system.



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