

Sintering pallet cars

Increase the productivity of sintering machines,
reduce repair and maintenance costs



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Introducing DHM GROUP's patented cast-welded sintering pallet cars, designed with innovation in mind. These pallet cars are manufactured with special steel that provides increased strength at high temperatures, resulting in a 30% reduction in overall weight. With this innovative design, Clients can expect reduced wear and tear on guide beams and less stress on the drive, resulting in increased efficiency and longer equipment lifespan.



Features

- › Our sintering pallet cars are manufactured using a combined approach, utilizing cast sidewalls and sheet metal beams welded to them, with no bolted connections. This ensures the cars are more durable and eliminates any potential weak points from bolted connections.
- › By utilizing highly wear-resistant and temperature-resistant materials, the cast-welded sintering pallet cars offer significantly reduced weight, thereby lowering the load on the drive and eliminating any potential deflection of the car.
- › The running rollers are made with sealed bearings, which are lubricated with high temperature greases not more than once every 4-6 months.
- › The sintering cars are made with a reliable cargo seal, thereby increasing the vacuum under the grate and, accordingly, the productivity of the sintering machines.

Type of sintering pallet	TC - 2,5	TC - 2,7	TC - 2,8	TC - 3,0	TC - 4,0
Sintering pallet length, mm	1000	1000	1000	1000	1500
Sintering pallet height, mm	from 600 to 1200				
Longitudinal seal type	cargo seal - drop bar stationary seal - sliding plate				
Sintering area, m ²	2,5	2,7	2,8	3,0	6,0
Grid width, mm	2500	2700	2800	3000	4000
Roller diameter, mm	200-240	240	240	240	240, 300
Sintered layer height, mm	up to 600				
Weight without grate, kg	1740-2240	1780-2280	1800-2300	1840-2340	3800-5000

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