Channel racking for DIS drive-in system.

Optimum space utilisation.

Characteristics
In this system, load units are transported into the respective channel by a shuttle. The Jungheinrich DIS drive-in system is an autonomous, carrier truck-independent load shuttle that travels into pallet channels under its own power. Regarding area or space utilisation ratio, a high potential can be utilised. Fewer working aisles and more pallet positions can be accommodated in the same area and thus high, efficient filling ratios (especially with different articles) can be achieved.

Application
The application areas are the same as for drive-in and drive-through racking (see pages 24/25) with the added advantage that throughput of the DIS system is higher. Typical application areas are cold stores and production buffer storage.

Operation
The DIS drive-in system can be operated by any Jungheinrich stacker. Each truck can operate several load shuttles. The highlight of the Jungheinrich DIS drive-in system: Carrier truck and shuttle are not permanently connected to each other. The shuttle's own power supply makes it independent of the carrier truck.

Advantages
- Very high throughput efficiency
- Very good area and space utilisation
- No limit for channel depth
- Every carrier trucks can also be utilised as "normal" stacker