



Photo: [EAS Europe B.V.](#)

Illustration 1: As manufacturing installations grow in size, the equipment it takes to handle bulky and often awkwardly shaped tools, moulds, dies, coils, frames and assemblies must be capable to deal with increasingly heavier loads. Pictured is an **Airfloat Transporter** from EASchangesystems in operation as it safely, quickly and easily moves a big mould used in the plastic injection industry weighing more than 100 tons.

Heavy load handling made safe, quick and easy with cost-effective transport solutions from EASchangesystems

Renswoude, The Netherlands – EAS Europe B.V. – EASchangesystems, global, leading-edge innovators in the design and manufacture of factory automation equipment, have been serving the industry for over 20 years. With a worldwide reputation for excellence in Quick Mould Change (QMC) and Quick Die Change (QDC) technology, EASchangesystems also offer a wide range of materials handling vehicles to efficiently move heavy, awkward loads such as tools, moulds, dies, coils, frames and assemblies.

As is well known throughout the industry, handling heavy loads can be tricky business. Not only can incorrect manipulation cause accidents and damage to environments and materials, neglecting to use proper methods and equipment delays manufacturing operations... which translates into costly downtime and increased production costs.

Each load handling situation is unique to the user; location, application, components, operation, etc. With extensive worldwide experience in manufacturing industries such as plastic injection and blow moulding, air milling, die handling, metal stamping and tool change, EASchangesystems has in-depth understanding and knowledge of the applications in these industries and is capable of offering effective transport solutions to particular problems – tailor-made to the user's needs and conditions... wherever he may be.

Tugtrucks

Electric-drive Tugtrucks from EASchangesystems are simple to use and easy to handle. Extremely strong with high torque capacity, Tugtrucks offer precision maneuverability and feature powerful hydraulic lifting and lowering capability. The built-in quick coupler allows fast release of loads and the on-board charger unit simplifies battery re-loading. Tugtrucks from EASchangesystems are very cost-effective. Load capacity: up to 10 tons.

Hand Pallet Trucks

The basic design principle of Tugtrucks also applies to Hand Pallet Trucks from EASchangesystems. Tailor-made to meet specific customer applications, Hand Pallet Trucks can be used as flexible transportation vehicles to safely lift and lower heavy loads with the help of hydraulic power. The full 180-degree turning radius makes navigation easy and secure – even in tight quarters – and the on-board charger unit simplifies battery re-loading. Load capacity: up to 50 tons.

Flatbed Trucks

Flatbed Trucks from EASchangesystems feature an entirely flat, level body without sides or roof, allowing quick and easy loading of goods, and consequently they are ideally used to transport extremely heavy loads that need more space than is available with conventional transportation methods. Offered as either airfloat units or battery powered electric-drive models, optional features include radio remote control, automated vehicle guiding system, safety attachments and protective equipment. Load capacity: up to 100 tons.

Coil Cars and Coil Tippers

Load shifting, load damage, and awkward loading and unloading of coils are familiar operator challenges. Specialized Coil Cars and Coil Tippers from EASchangesystems put an end to all of this. Highly mobile and flexible, these battery-driven vehicles make it possible to handle coils without difficulty – quickly, easily and securely. Dependent on the application, standard models can

be equipped with lifting devices, rotation units, turnover cradles, as well as upender and downender mechanism. Load capacity: up to 100 tons.

Airfloat Transporters

Airfloat Transporters from EASchangesystems make lifting and maneuvering of heavy equipment fast and easy. Floating on a thin film of air like a hovercraft allows these units to move with exceptional mobility in restricted areas and around pillars. Air powered drive wheels control speed and direction, whilst optional radio remote control and/or automated vehicle guiding provide added possibilities for cost reductions in manufacturing processes. Load capacity: up to 150 tons... and more.

Automated Rail-guided Transporters

Automated rail-guided transport systems comprise a railroad network and transport vehicle(s). In the set-up, the transport vehicle is equipped with sensors for detecting optical, acoustic, thermal, and acceleration data. These sensors, in turn, interact with active and passive transducers located within the railroad network. Maneuvering is precise and fast, greatly eliminating manufacturing cycles. Typical applications for automated rail-guided transport systems are industrial operations that include a multitude of manufacturing machines which need to be loaded and unloaded quickly – with a minimum amount of downtime. Load capacity: up to 200 tons.

“With the increased need to optimize operations throughout the manufacturing process, we want to be the industry’s leading supplier of total materials handling solutions. By offering users a complete range of heavy load transportation vehicles – in addition to our proven, state-of-the-art single minute exchange of die (SMED) solutions – we can demonstrate to EASchangesystems’ customers that we are uniquely positioned to be their preferred, single-source partner... fully capable to help them reduce time and costs and to be competitive in their respective markets... whatever their production requirement might be.” stated Harm Nijzink, CEO in charge of running the EASchangesystems business worldwide.

Photo caption:

The complete range of cost-effective, heavy industrial load transportation equipment from EASchangesystems includes (shown from top to bottom): Tugtrucks with 10 ton load capacity, Hand Pallet Trucks with 50 ton load capacity, Flatbed Trucks with 100 ton load capacity, Coil Cars & Coil Tippers with 100 ton load capacity, Airfloat Transporters with 150+ ton load capacity, Rail-guided Transporters with 200 ton load capacity. *(Photos: EASchangesystems Company)*

About EASchangesystems' Quick Mould Change (QMC) and Quick Die Change (QDC) solutions

EASchangesystems offer small, medium and large companies in the injection moulding, metal stamping and related industries throughout the world a dynamic and lasting partnership in factory automation involving single minute exchange of die (SMED) applications as their single-source solutions' provider with a full range of innovative products, systems and services to boost manufacturing processes, speed of turnaround and cost efficiency. But Quick Mould Change (QMC) and Quick Die Change (QDC) solutions from EASchangesystems will not only reduce users' manufacturing costs and make their products more competitive, they are also safer and easier for employees to operate. Additional information can be found at www.EASchangesystems.com.

About EASchangesystems Company

EASchangesystems are leading-edge innovators in the design and manufacture of factory automation solutions and have been serving the injection moulding, metal stamping and related industries for more than 20 years with state-of-the-art Quick Mould Change (QMC), Quick Die Change (QDC) and Magnetic Clamping Systems (MCS). EASchangesystems employ some 40 people worldwide and have three main manufacturing plants in the Netherlands, France and China. To support their customers wherever they may be, EASchangesystems have a worldwide organization of sales and service facilities... fully backed by a global network of dedicated partner companies and their local distributors. Additional information can be found at www.EASchangesystems.com.

Forward Looking Statement

This release includes forward-looking statements. Actual information can vary materially, due to changes in current expectations. The forward-looking statements contained herein may concern new technologies, products, product performance, corporate plans and development and involve risks and uncertainties and are subject to change.

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Foto: EAS Europe B.V.

Illustration 2: This battery powered electric-drive **Tugtruck** from EASchangesystems is simple to use and easy to operate. Featuring high torque capacity, built-in quick coupler and precision maneuverability, it can handle loads of up to 10 tons very cost effective.



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Foto: EAS

Illustration 3: Powerful **Lifttrucks** from EASchangesystems are available as either airfloat vehicles or battery powered electric-drive models. With a load capacity of 100 tons, they are ideal to move extremely heavy loads that need more space than is available with conventional transportation methods.



Foto: EAS Europe B.V

Illustration 4: Specialized **Coil Cars** and **Coil Tipper**s from EASchangesystems are highly mobile battery-driven vehicles with a load capacity of 100 tons. Handling coils is quick, easy and secure. Dependent on the application, they can be equipped with lifting devices, rotation units, turnover cradles, as well as upender and downender mechanism.



Foto: EAS Europe B.V

Illustration 5: **Flatbed Trucks** from EASchangesystems have a load capacity of 100 tons and feature an entirely flat, level body without sides or roof to quickly and easily load and unload goods. Offered as either airfloat units or battery powered electric-drive models, optional equipment includes radio remote control, automated vehicle guiding system, safety attachments and lift mechanism.



Foto: EAS Europe B.V

Illustration 6: **Airfloat Transporters** from EASchangesystems move loads of up to 150 tons with exceptional mobility in restricted areas and around pillars. Air powered drive wheels control speed and direction, whilst optional radio remote control and/or automated vehicle guiding provide added possibilities for cost reductions in manufacturing processes.



Europe B.V

Foto: EAS

Illustration 7: **Automated Rail-guided Transport** solutions from EASchangesystems can move loads of up to 200 tons extremely fast over lengthy distances. In the set-up, consisting of railroad network and transport vehicle(s), the latter is equipped with sensors for detecting optical, acoustic, thermal, and acceleration data. These sensors, in turn, interact with active and passive transducers located within the railroad network. Typical applications for **Automated Rail-guided Transport** systems are industrial operations that include a multitude of manufacturing machines which need to be loaded and unloaded quickly – with a minimum amount of production downtime.