



Matrix, based in Brechin, Scotland, has over 65 years of experience in delivering high technology and cost effective engineered solutions. Matrix is a leading designer and provider of electromagnetic clutches and brakes used in forklift trucks and servo motor brakes. Matrix also offers world class custom design engineering and manufacturing of hydraulic clutches and brakes used in off-highway and printing applications.

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#### LWB Brake

The LWB is an electrically applied forklift load wheelbrake. It features a compact design that fits inside a load wheel, operator controlled variable torque, and zero drag torque. It is available in single disc and multi-disc versions.



#### PK

The Pan-Cake (PK) range is a pre-assembled on/off dry electromagnetic brake. This brake is used for parking and emergency only. The AC motor is used in combination with the PK brake for regenerative braking of the truck.



#### SMB Series Brakes

Industry-leading Matrix servomotor braking technologies provide effective static holding capabilities for load positioning and restraint and dependable dynamic torque performance in emergency stop situations.



#### SAE Hydraulic Brakes

Spring-applied, hydraulic released multi-disc brakes are fully enclosed making them suitable for harsh working environments and are available in wet and dry versions with static torque ranging from 500 to 14,000 (in.lbs.). These brakes are frequently used as a parking brake on lift vehicles.



#### 1CD Spring Set Electrically Released

Caliper Brake. Up to 660 pounds clamping force. 24 to 90 volt coils available.

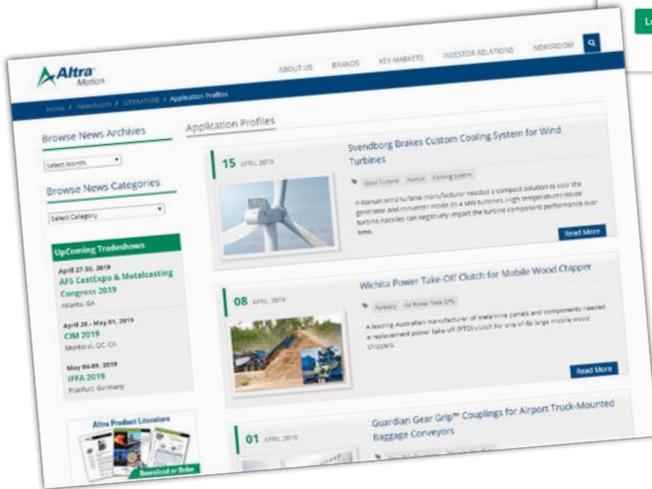
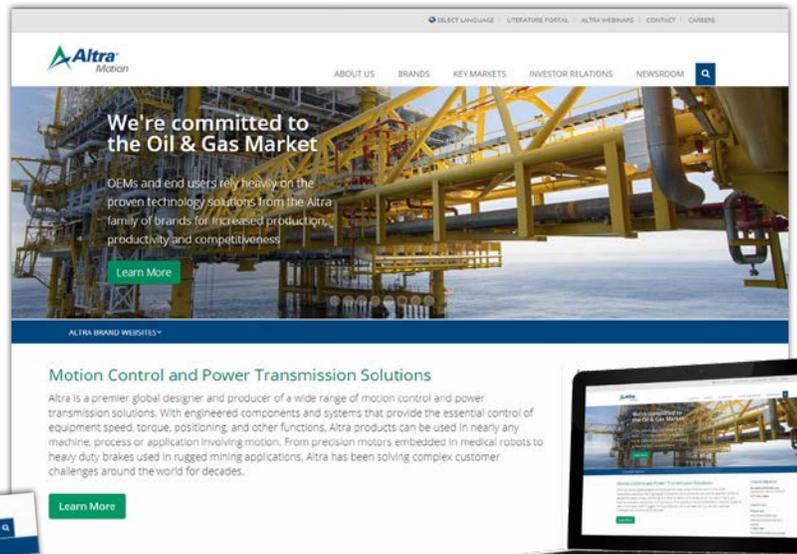
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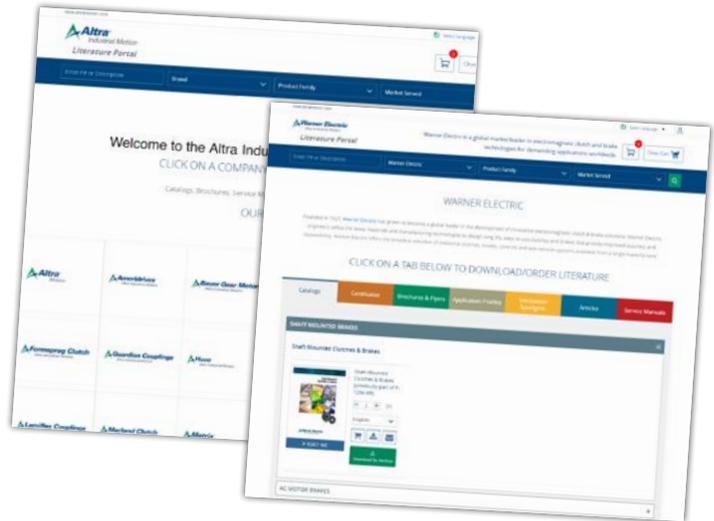
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