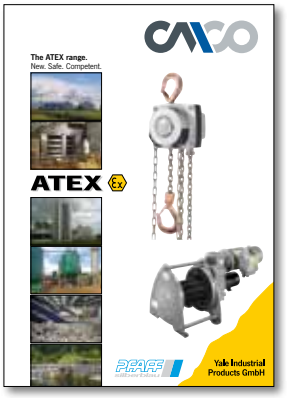
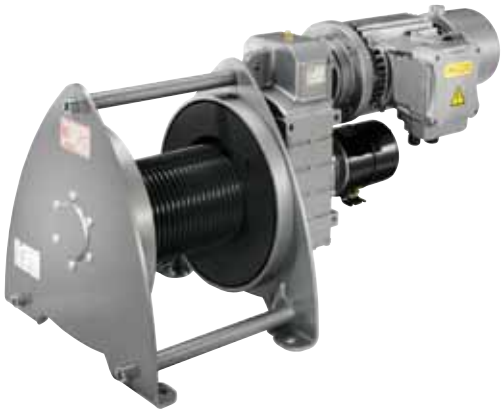
Operation in explosion endangered environments.

More safety.

In nearly all industrial areas, and not only in the chemical industry, plants are operated in explosion endangered environments. Because of the great damage an explosion could cause to people and material values, special stringent legal and technical requirements are imposed on particularly electrical equipment used in explosion endangered environments (according to 94/9/EC).





You would like to know more? Simply ask for our ATEX-brochure.

Marking key

Example	CE	123	Ex	II	2	G	Ex	d	T3

CE-marking

Code number of the notified body

Identification for protection against explosions (ATEX 100a)

Equipment group
II = Non-mining application

Category
1 = extremely high safety
2 = high safety
3 = normal safety

Ex atmosphere
G = Gas
D = Dust

Explosion protection

Protection type
p = pressurized enclosure
d = flame-proof enclosure
e = increased safety
nA = non-sparking
i = intrinsic safety
c = design safety
b = ignition source monitoring
k = liquid immersion

Temperature class
Limit temperature
T1 = max. 450° C
T2 = max. 300° C
T3 = max. 200° C
T4 = max. 135° C
T5 = max. 100° C
T6 = max. 85° C