

UCM

A3 Requirements:

Item 9.11 of EN81-1:1998+A3:2009

- car stop must be caused without exceeding 1.20 m
- ascending deceleration of 1 g must not be allowed and the values accepted for the safety gears must be allowed in descending deceleration

Safety Elements

Per Unit
The customer has a unit certified as UCM and does not need to check the requirements requested in the A3 at his/her installation

- D-Box + VEGA+ ASG+ T-25 → CM/040/12
- D-Box + STAR + ASG+ T-25 → CM/045/12
- D-Box + QUASAR T25+ ASG → CM/060/13

Per Component
The customer makes the UCM solutions according to his/her needs; however he/she must be held responsible for checking that the unit meets the A3 requirements in his/her installation

- Governors**
- Star A3 → ATI/LD-VA/M-126A-1/11
 - Vega A3 → ATI/LD-VA/M-155A-3/11
 - LBD-300 A3 → MD/EVN/130031
 - QUASAR SV A3 → ATI/LD/VA/M207/13
 - QUASAR T25 A3 → ATI/LD/VA/M207/13
- Safety gear + Dynatech Steering Mechanisms**
- PR-2500 → ATI/LD-VA/M-062A-1/11
 - PR-2500 UD → ATI/LD-VA/M-065A-3/11
 - PR-2000 UD → ATI/LD-VA/M-105A-1/11
 - PQ-3400 UD → ATI/LD-VA/M-126A-1/11
 - PQ-4000 UD → ATI/LD-VA/M-120A-1/11
 - ASG series → ATI/LD-VA/M-154A-2/11
 - ASG-UD series → ATI/LD-VA/M-154A-2/11
- Control System**
- D-Box → CM-029-11
 - Controller → To be certified by the operator

Drive Machine

Per Unit

- Tornado + Dynatech control System (CDC-060 and BFS-059) → CM/027/11

Per Component

- Machine**
- Tornado - CM/028-1/11
- Control Systems**
- CDC-060 → CM/043/12
 - BFS-059 → CM/044/12
 - Controller → To be certified by the operator