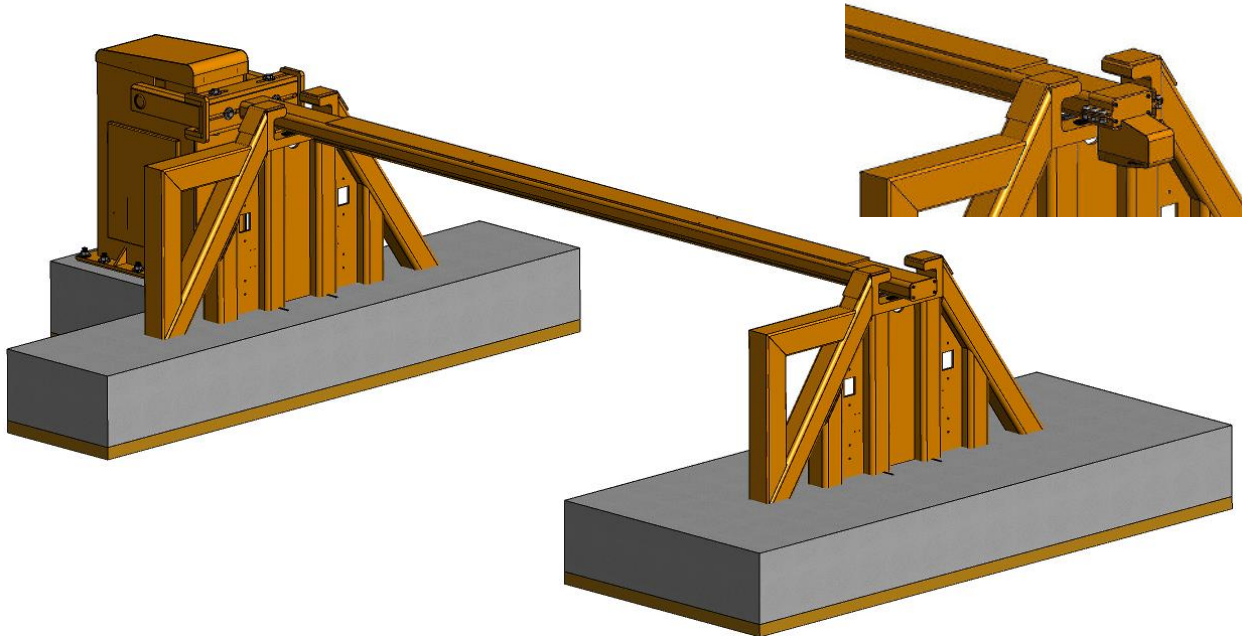

Technical Data Sheet

with optional VADS locking system



Design:	Electro-hydraulically operated security raising arm barrier with boom, two boom catcher frames, barrier cabinet and cabinet foundation table for installation without central roadway foundation.
Kinetic Impact Energy:	667 kJ (7.5 t @ 48 km/h)
Certification:	Crash test certified according to PAS 68:2005 V/7500[N2]/48/90:0.0/0.0 (tested with 3.0 m CWO) With optional VADS locking system: Crash test certified according to IWA 14-1:2013 V/1500[M1]/48/90:1.9 (tested with 4.5 m CWO) and passed the CPNI VADS (Vehicle Access Delay Standard) testing
Clear Width of Opening: (CWO)	3.0 m, 3.5 m, 4.0 m and 4.5 m
Blocking Height:	1075 mm
Opening Angle:	Approx. 82°
Boom:	Rectangular hollow section profile RHS 200x100 with top and bottom stiffener plate
Barrier Cabinet:	H x W x D: 1237 mm x 740 mm x 425 mm
Emergency Operation During Power Failure:	Barrier can be raised manually via hand pump and lowered via manual activation of solenoid valve "lower" and hand pump
Operating Time:	Raising / lowering: 6 – 12 sec
Drive Unit:	2.2 kW, 400 V (three-phase), 50 Hz
Hydraulic Fluid:	Mineral oil (standard) or biodegradable oil (optional)
Control Unit:	PLC with frequency converter in plastic electrical enclosure installed inside the barrier cabinet, control voltage 24 V DC

Technical Data Sheet

Supply Voltage:	230 V (1Ph + N + PE), 50 Hz
Options:	VADS locking system, boom drop skirt, boom upper fence panel, boom warning lights, safety guarding for barrier cabinet and boom catcher frames, stop sign and/or no entry sign
Weight:	Approx. 410 kg boom (for 4.5 m CWO) Approx. 500 kg boom catcher frame Approx. 640 kg barrier cabinet (incl. boom carrier) Approx. 100 kg cabinet foundation frame
Colour Finish:	RAL 1007 daffodil yellow, RAL 9003 signal white, RAL 7004 signal grey or RAL 9005 jet black (standard) All other RAL colours (optional)
Temperature Range:	-10°C ... + 60°C -20°C ... + 60°C with optional extreme cold environment pack