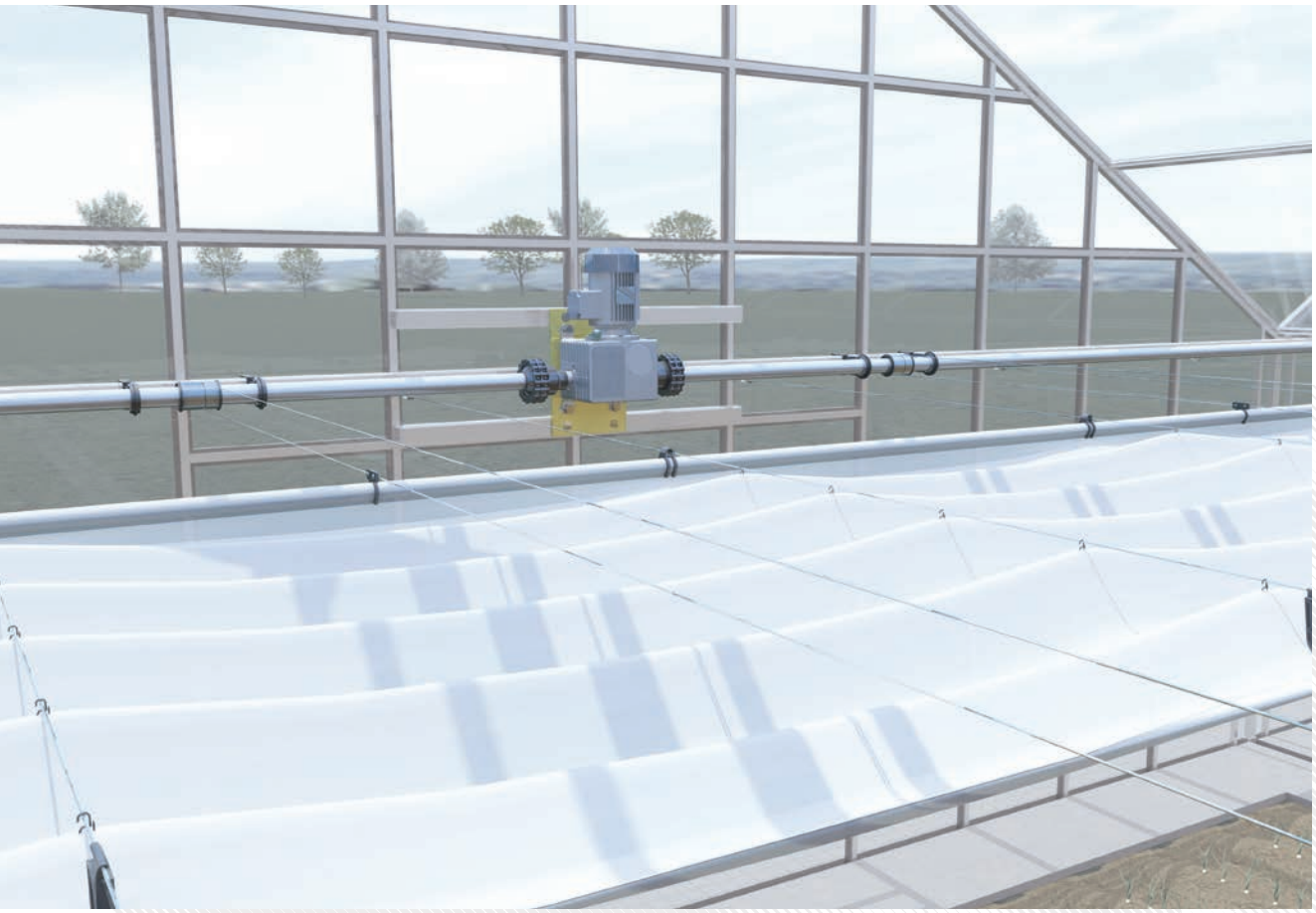
Cable system for wide-span screening



→ Cable system in wide-span greenhouse mounted with EWA power drive and KKS couplings.

By mounting an EWA power drive on the gable, the resultant forces can be absorbed to an optimum extent.
In addition, this creates a superlative installation position for adjusting the limit switch position.

- → Surface areas of up to 3000 qm² can be screened with a single drive unit.
- → 600 Nm input power can be directed into the system.

Maximum screening area

per EWA power drive

- Cable coil ø = 72 / 80 / 100 mm
- Wire diameter d = 3 mm
- Weight of fabric G = 80 g/m²
- Truss spacing L_F = 3,0 / 4,0 / 5,0 m

Cable coil	Surface area [m²]			Power drive	
	L_F = 3,0 m 10 revolutions	**L_F = 4,0 m** 13 revolutions	**L_F = 6,0 m** 19 revolutions	**Torque T** [Nm]	**Version**
ø = 72 mm	190	252	–	50	EWA 10
	342	454	–	90	EWA 10
	570	757	–	150	EWA 12
	950	1262	–	250	EWA 12
	1330	1766	–	350	EWA 14
	1710	2272	–	450	EWA 14
	2280	3040	–	600	EWA 14
ø = 80 mm	172	230	–	50	EWA 10
	310	414	–	90	EWA 10
	517	690	–	150	EWA 12
	862	1150	–	250	EWA 12
	1207	1610	–	350	EWA 14
	1552	2070	–	450	EWA 14
	2070	2760	–	600	EWA 14
ø = 100 mm	137	182	254	50	EWA 10
	247	328	456	90	EWA 10
	412	547	761	150	EWA 12
	687	912	1268	250	EWA 12
	961	1277	1775	350	EWA 14
	1237	1648	2289	450	EWA 14

The figures on the table are only guide values. These are dependent on assembly, mounting, current values etc.