

# Overview of very large modular expansion joints (min. 15 gaps) supplied by Mageba since 1994



Tensa@Modular expansion joints

Project Name	Location	Bridge information					Expansion Joint information						
		Type of bridge	Total length [m]	Longest span [m]	Material of deck	Year of completion	Year of joint installation	Largest type of joint in use	Movement capacity [mm]	Total length of all joints [m]	Sliding elements with high grade sliding material (RoboSlide)*	Anti-skid coating (RoboGrip) applied	Remote Monitoring (RoboControl)
Run Yang - Nan Cha Bridge	China	Suspension bridge	2'132	1490	Steel	2004	2003	LR27	2'160	65.0	Yes	Yes	No
Incheon Grand Bridge	South Korea	Cable-stayed bridge	12'300	800	Steel	2008	2009	LR24	2'000	62.2	Yes	(Yes)	Yes
Tsing Ma Bridge	China (HK)	Double Decker Suspension bridge	2'200	1377	Steel	1997	1996	LR25	2'000	58.7	No	Yes	No
Chong Ming Bridge	China	Suspension bridge	9'500	730	Steel	2008	2009	LR22	1'760	68.6	Yes	Yes	No
Ba Lin He Bridge	China	Suspension bridge	1'564	1088	Steel	2008	2009	LR21	1'680	48.9	Yes	Yes	No
2 <sup>nd</sup> Nanjing Bridge	China	Cable-stayed bridge	2'960	628	Steel	2001	2000	LR20	1'600	67.0	No	Yes	No
An Qing Bridge	China	Cable-stayed bridge	1'040	510	Steel	2004	2003	LR18	1'440	52.8	Yes	Yes	No
Machang Bay Bridge	South Korea	Cable-stayed bridge	1'700	400	Steel	2007	2007	LR18	1'440	42.0	Yes	No	No
Golden Ears Bridge	Canada	Cable-stayed bridge	1'280	320	Composite	2009	2008/2009	LR17	1'360	211.0	Yes	No	No
Ting Kau Bridge	China (HK)	Cable-stayed bridge	1'177	475	Steel	1998	1998	LR 16	1'280	61.0	No	Yes	No
Lillebaelt Bridge	Denmark	Suspension bridge	1'700	600	Steel	2003	2002 / 2003	LR 16	1'280	53.2	Yes	No	No
Kwang Ahn Bridge	South Korea	Suspension bridge	900	500	Steel	2002	2002	LR15	1'200	12.0	No	No	No
Geoga Bridge	South Korea	Cable-stayed bridge	3'501	475	Steel	2010	2010	LR15	1'200	82.0	Yes	No	No
Storebaelt West Bridge	Denmark	Cantilever bridge	6'611	110	Concrete	1994	1994	LR15	1'200	174.0	No	No	No

\*) In use for large modular expansion joints since 2003.



Run Yang - Nan Cha Bridge



Incheon Grand Bridge



Tsing Ma Bridge



Chong Ming Bridge



Ba Lin He Bridge



2nd Nanjing Bridge



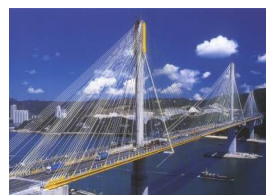
An Qing Bridge



Machang Bay Bridge



Golden Ears Bridge



Ting Kau Bridge



Lillebaelt Bridge



Kwang Ahn Bridge



Geoga Bridge



Storebaelt West Bridge