Title:	**Torre Caja, Madrid, Spain**
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Torre Caja Madrid, Spain

7000 Series - Job Sheet
01/13 Edition

COX GOMYL

As the tallest building in Spain, the Torre Caja Madrid is an iconic landmark. Norman Foster Architects designed an archway that rises from the ground, high above the roof level, surrounding the glass and aluminium-panelled façade on either side.

Access to the underside of the large archway presented a significant challenge.

The CoxGomyl engineers designed two custom BMUs featuring articulated jibs to provide complete archway access. The flexibility of the BMUs is apparent in the images above.

The custom designed jibs are able to retract and fold away for parking, ensuring their visual impact is kept to a minimum.

Facts & Figures

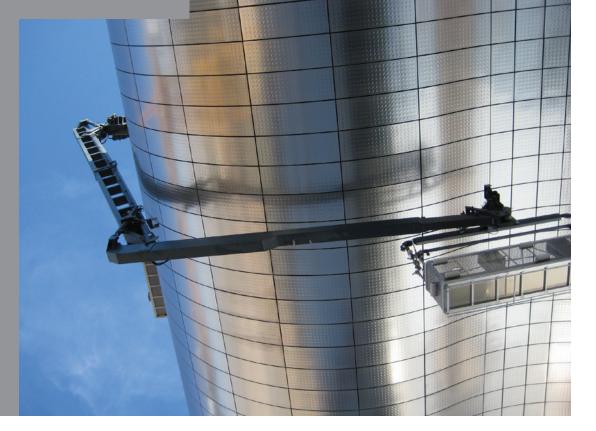|	
Commencement	2004
Completion	2008
Building height	250m
Floor count	45
No. of BMUs	2
Outreach	12.7m & 14.75m
Building type	Office

Technical Data - Torre Caja Madrid, Spain

BMU type	1 set CG 7000	1 set CG 7000
Service area	From G/F to the archway	
Jib type	Articulated jib	Monojib
Outreach	14.2m	14.75m
Jib luff angle	23 deg	23 deg
Cross bar slew angle	+/- 60 deg	+/- 60 deg
BMU slew angle	+/- 105 deg	+/- 140 deg
Drum hoist type	Multilayer	Multilayer
Actual hoist height	250m	250m
Cradle SWL	350kg	350kg
Cradle length	4.5m	4.5m
Cradle restraint system	Quick release pins	Quick release pins, and Soft rope system
Track system	Twin track	Twin track
Track gauge	3m	3m
Communication	Telephone	Telephone
Features	/	800kg hoist capacity

Confidential information - do not distribute.

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