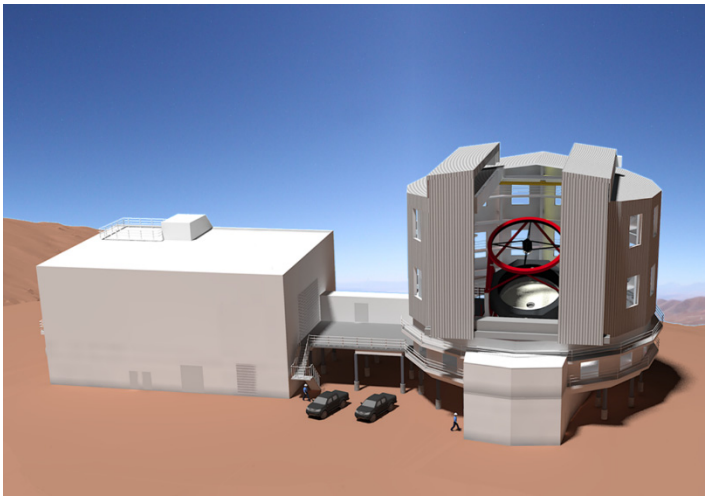
Kaji Technology Corporation
July 10, 2019

Order Acquisition of High-Pressure Air Compressor for the University of Tokyo Atacama Observatory 6.5 m telescope

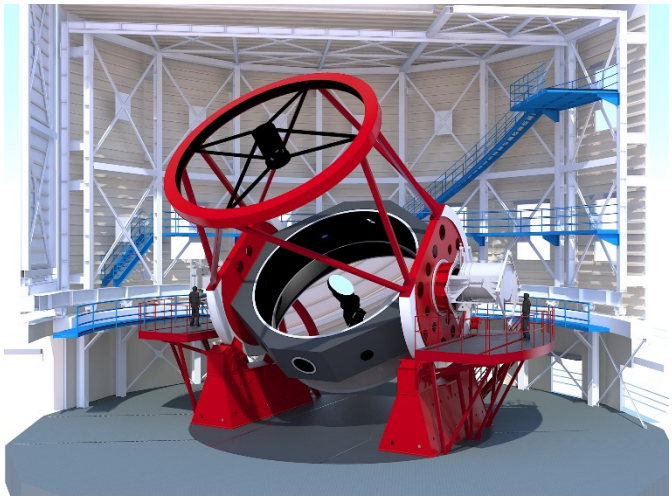
Kaji Technology Corporation ("KAJI") has acquired an order of High-pressure Air Compressor facilities for the pneumatic actuators of the mirror support systems for the large infrared telescope that is to be constructed by the University of Tokyo Atacama Observatory ("TAO") Project.

The TAO is located at the summit of Co. Chajnantor (5640m altitude) in the Atacama desert in the northern Chile, and is the astronomical observatory at the world highest site. The TAO project aims to uncover the biggest mysteries of the Universe: the birth of galaxies and the origin of planets. Since the TAO site has high clear-sky fraction and extreme low humidity, the TAO telescope can observe infrared light from celestial objects without atmospheric absorption that has been impossible at any other site in the world, and will pioneer new frontiers of observational astronomy.

KAJI will further endeavor to contribute to the TAO project being executed by the University of Tokyo.



Schematic design of the TAO summit facilities



Schematic design of the TAO telescope

(Images by courtesy of the University of Tokyo Atacama Observatory Project)

Outline:
Client : The University of Tokyo
Construction site: The summit of Co. Chajnantor (5,640m altitude) at the Atacama Desert in the northern Chile
Compressor outline : Air-cooled lubricated type two-stage compressor
KAJI's facility delivery schedule : December, 2019

For inquire, please contact:
Kaji Technology Corporation, Tokyo Office
Sales Section, Sales Department (PIC: Mr. Ikenaga)
Phone: +81-3-5679-6910
E-MAIL: sales_comp_10@kajitech.com