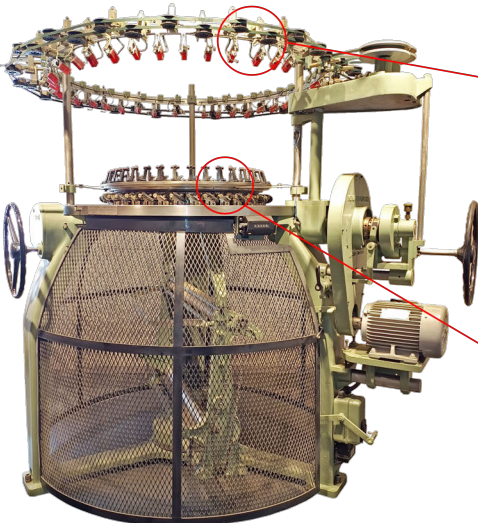


Japan's first large-diameter circular knitting machine using a pattern wheel system that combines safety and high-speed rotation

Registration No.	Number 00397		
Registration Date	September 29, 2026	Registration Category	Category 1

Name (Model, etc.)	Pattern Wheel Type Single Knit Jacquard Circular Knitting Machine (PFW)
Location	Kobe-shi, Hyogo PRECISION FUKUHARA WORKS, LTD.
Owner (Custodian)	PRECISION FUKUHARA WORKS, LTD.
Manufacturer (Company)	PRECISION FUKUHARA WORKS, LTD.
Year Manufactured	1962
Reason For Selection	This item is a circular knitting machine equipped with a pattern wheel mechanism (a needle selection method for creating complex patterns) that was developed and manufactured in 1961 (Showa 36) as the result of a technical partnership with the American company Camber Corporation (now Monarch Corporation). This machine was the first large-diameter single-knit jacquard circular knitting machine produced in Japan that combined both safety and high-speed rotation. It received high praise internationally, and a total of more than 10,000 units were shipped to the global market. This circular knitting machine is extremely important as the origin of the expansion of circular knitting, which was primarily used for knitting undergarments, into knitting outerwear fabrics such as T-shirts and polo shirts.
Registration Criteria	1-A (Shows an important aspect or stage of the development of science and technology.) 2-A (Played a notable role in improving people's way of life and creating new ways of living.)

Open/Closed to the Public	Open to the Public
Photos  Yarn feeding device An important device for accurately supplying a fixed length of yarn to a knitting machine Knitting head The part where yarn is knit with knitting needles Needle selection area The part where the knitting needles ascend and descend to create the pattern (The red arrow is pointing to the pattern wheel) Pattern wheel type single knit jacquard circular knitting machine (PFW) ※ PFW is derived from the English translation of Fukuhara Seiki Seisakusho's name, "PRECISION FUKUHARA WORKS".	
Other useful information	