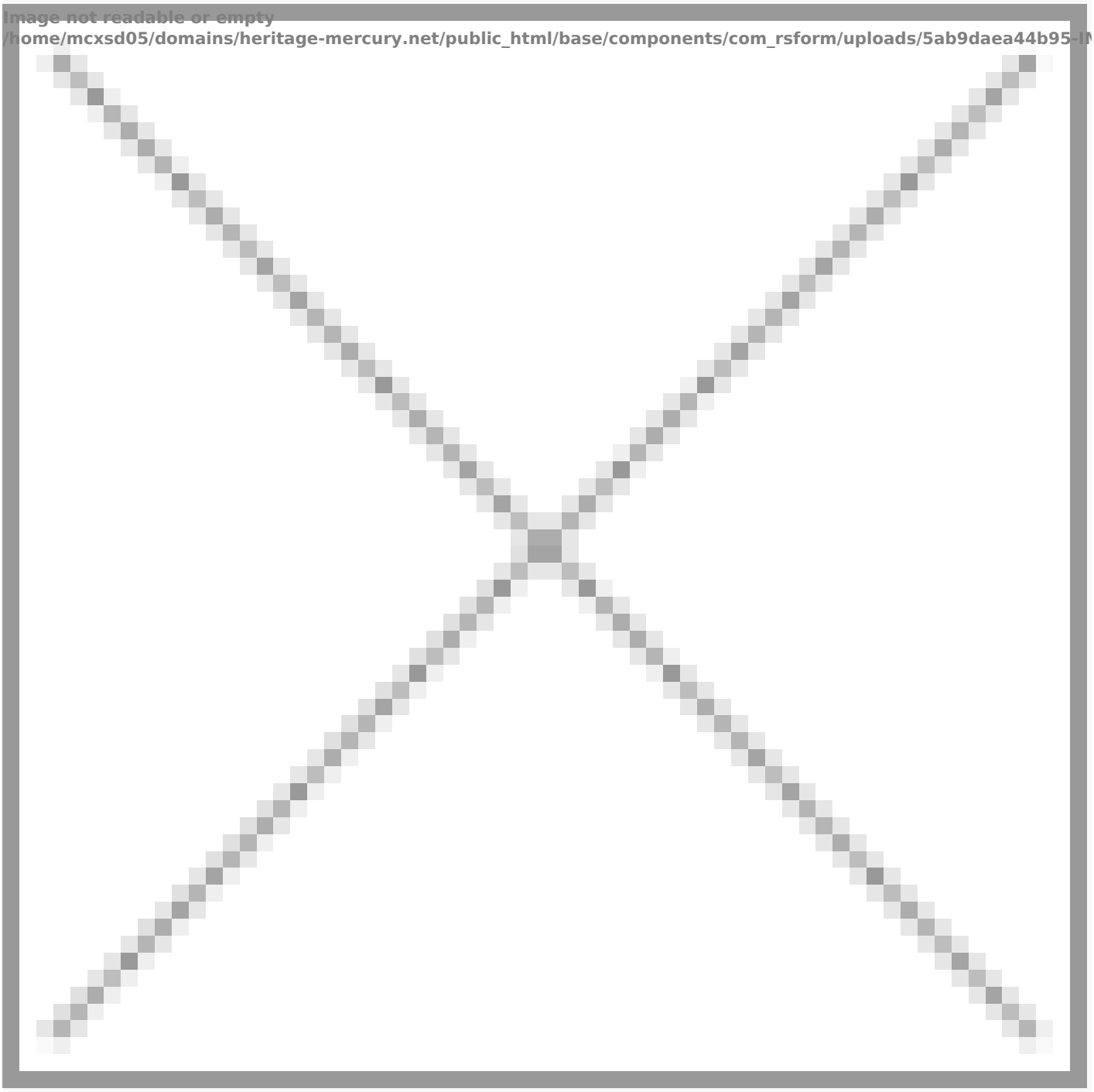
Name 1	SINGLE-CYLINDER COMPRESSOR
Name 2	/
ID number	002.114.Idrija
Manager / Administrator	Idrija Municipal Museum, Prelovčeva 9, SI-5280 Idrija
Ownership	Public
Owner	Municipality of Idrija, Mestni trg 1, SI-5280 Idrija
Local / Original ID Number	510:IDR;RS-6
Type of Object	Mine

DESCRIPTION

Short description	The stable single cylinder vertical compressor consists of the flywheel, crankshaft, connecting rod, piston and cylinder, suction and pressure pipeline and air boiler. On one side of the shaft is the flywheel and the pipe (instead of the shaft) on the other side, which served for connection with the drive engine. The housing is placed on the concrete stand.
Measures	Length 137 cm, width 126 cm, height 197 cm.
Materials	Cast iron, brass.
Dating	1928

Author / Producer	Societa Anonima Italiana ing. Nicola Romeo & Co., Milano.

Picture attachments



Original use	The compressor served as machinery for transport and gas and vapour compression. The Idrija Mercury Mine bought it during the time of the Italian Administration. It was powered by a Deutz diesel engine with the power 26.1 kW (35 HP). Other data is not known.
Present use	The described compressor is being preserved, secured and presented as an important monument of Idrija technical mining heritage with exceptional universal values. It is a part of the Idrija Municipal Museum collection “Mining machines and devices”. Along with other compressors from the Austria period, which are already displayed in the Francis’ Shaft building, this compressor also marks the period of the technological mercury exploitation process renovation in the Idrija Mercury Mine. It also represents the technological development of the first compressors that were no longer powered with steam. For this reason it represents technical heritage which greatly exceeds the Idrija Mercury Mine framework and is therefore of a larger, global importance. The compressor is being commendably restored, all the pistons have piston rings, so that the rotation of the flywheel can present the principle of operation.
Original location	Compressor station of the Idrija Mercury Mine
Present location	Francis’ Shaft building (showroom 1).

STATE OF CONSERVATION

History of conservation:	The compressor was restored between 1990 and 1992. It was completely disassembled, surfaces of individual parts were cleaned with sandblasting process, reassembled and painted with foundation and top paint. Therefore, no additional interventions are necessary. Security of the premises is ensured.
Present state	good
Necessary activities:	Regular seasonal maintenance.

DOCUMENTATION

Addresses / collections / links etc. where further in-depth information is accessible:	- Inventory Book of the Idrija Municipal Museum; - Zelenc, Anton. In vendar se giblje: katalog rudniških strojev in naprav. Idrija, Idrija Municipal Museum, 2001; - Zelenc, Anton. Idrija Municipal Museum: restored mine machines and devices of the Idrija Mercury Mine. Patrimoine de l´industrie, 2004, p. 17–19.
Submitted	Mestni muzej Idrija
Submitted by	Miha Kosmač
Date Submitted	3. 3. 2018
Date Edited	Never