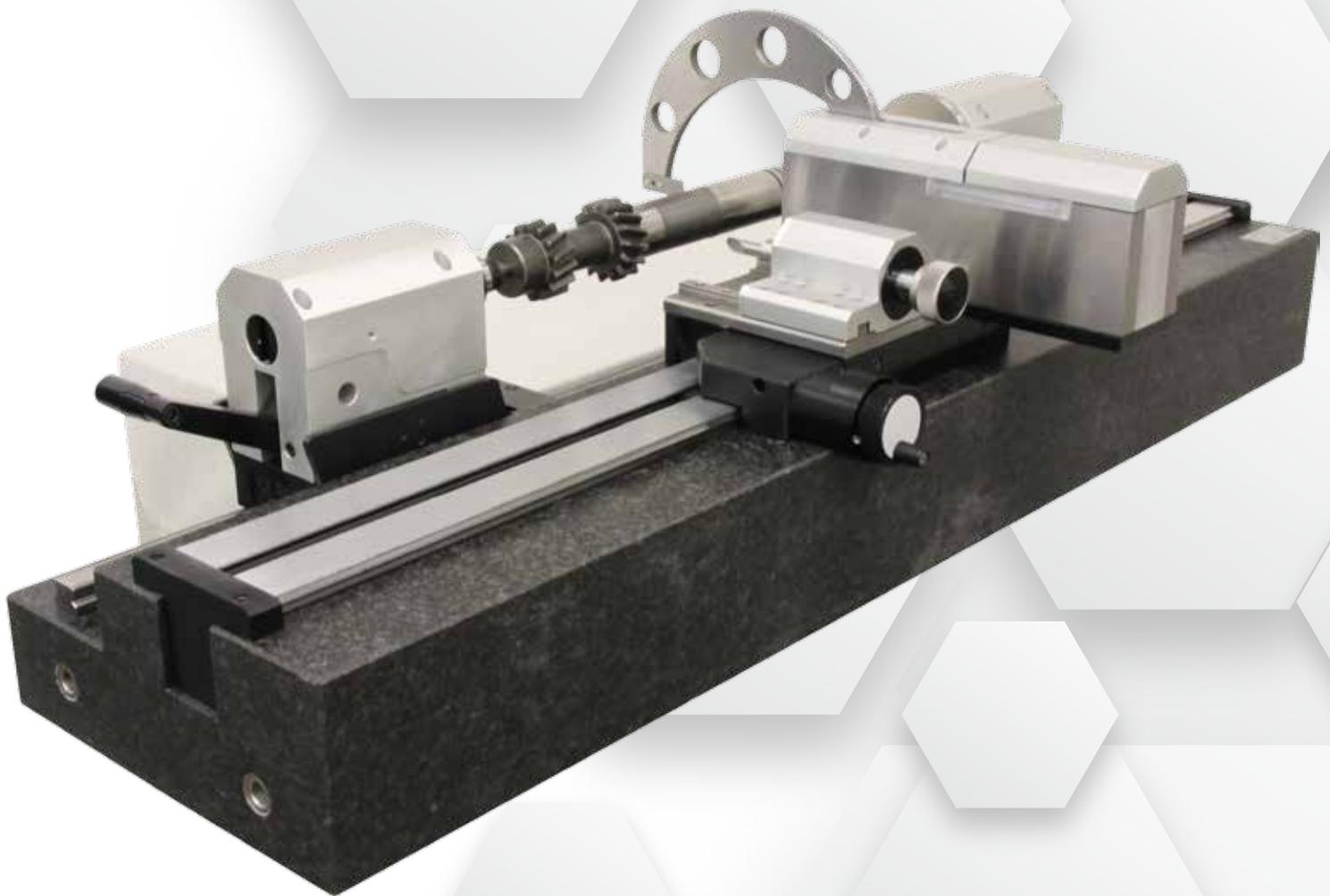


GIOTTO MAN

MANUAL MEASURING
MACHINE FOR SHAFTS



METROLOGY



GV METROLOGY

San Giovanni in Persiceto - Bologna

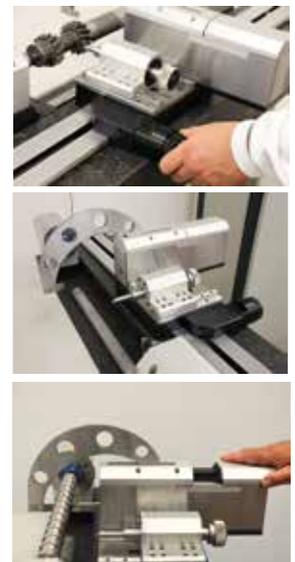
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diameter and length version



GIOTTO-MAN is a manual measuring bench for shafts designed to be placed in the production floor for an immediate feedback on the tolerance limits. Diameter and Length measurement axis are activated by operator. The repeatability is ensured by a dedicated mechanical system.

GIOTTO-MAN is ideal for fast measurement in the workshop area and it is customizable according to the customer specifications.

Manual measurement

Accurate measuring results

Good repeatability through mechanical system

Constant measuring force application to avoid operator influence

DIMENSIONAL AND GEOMETRICAL PARAMETERS

 **DIAMETER**

 **SHOULDER**

 **WIDTH OF RECESS**

 **LENGTH MEASUREMENT**

 **TAPER**

TECHNICAL SPECIFICATIONS

GIOTTO MAN		GM500	GM1000
Measuring range, length Z	mm	0-500	0-1000
Measuring range, diameter X	mm	1-120	1-150
Max permissible error, length Z	µm	4 + L(mm)/100	4 + L(mm)/100
Max permissible error, diameter X	µm	3 + D(mm)/100	3 + D(mm)/100
Repeatability, length Z (2s)	µm	≤ 4	≤ 4
Repeatability, diameter X	µm	≤ 3	≤ 3
Resolution, length Z	mm	0.001	0.001
Resolution, diameter X	mm	0.001	0.001
Measuring force Z; X	N	constant	constant
Max weight of shaft	Kg	40	60
Weight of instrument	Kg	200	390