

TEST EQUIPMENT DIVISION

Autolap 200



The Merlin Autolap 200 is an injector nozzle seat honing machine which dispenses with time consuming hand lapping methods of nozzle reclamation.

- Range of application: Automotive through to Marine 'S', T, U' & 'V' nozzle sizes
- Separate large start button
- Honing tools and tips interchangeable with other manufacturers tools and tips
- Simple and speedy drive belt tension adjustment
- Reduction in labour content of injector reconditioning
- Repeatable results under controlled conditions
- No special skill required to operate machine

The Merlin Autolap 200 is an injector nozzle seat honing machine which dispenses with time consuming hand lapping methods of nozzle reclamation.

A wide range of re-dressable honing tools, with replaceable tips, are available to service most nozzle sizes from 'S' through to 'V'.

These tools are positioned in a self centering automatic chuck during the re-seating operation, on completion of which the drive to the chuck automatically disengages, allowing nozzle removal for inspection purposes.

A variable timer control allows for honing periods of up to 7 minutes in 10 second steps. The timer control can be interrupted and re-started during any pre-set period.

Honing tools may be redressed on the Merlin NR3B Servicemaster nozzle reconditioning machine using dressing tool Part No. B8293/1 and nozzles can be tested on the Merlin S31 or S400 range of injector testers.

Standard Accessories

T023-001	'S' size short and long stem adaptor
T023-008	Short weight
T023-009	Long weight
T023-010	Cutting fluid 5 litres

Optional Accessories (Shaft/Tip Assemblies)

T024-001	Sulzer RD 90/96
T024-002	MAN 11mm
T024-003	MAN
T024-004	6mm S/Stem 'S' size
T024-005	6mm L/'S' size
T024-006	Leyland Late Type
T024-007	4.5mm L/Stem Ambac
T024-008	10mm L/Stem 'U' size
T024-009	6mm Bosch/Fiat
T024-010	5mm S/Stem 'S' size
T024-011	Gardner LW
T024-012	Gardner LX
T024-013	6mm S/Stem 'T' size
T024-014	8mm L/Stem 'T' size
T024-015	7mm S/Stem 'T' size
T024-016	8mm S/Stem 'U' size
T024-017	10mm 'U' size
T024-018	12mm L/Stem 'V' size
T024-019	4mm L/Stem 'P' size
T024-020	Pielstick PC2
T024-021	Sulzer RD 90
T024-022	Sulzer RD 56
T024-023	Pielstick PC3
T024-024	5mm L/Stem 'S' size
T024-025	5.5mm L/Stem 'S' size
T024-028	16MM L/Stem 'V' size

Stone Tips

T024-035	T024-005, 009, 012, 024, 025
T024-036	T024-001, 006, 007
T024-037	T024-004, 014, 015
T024-038	T024-008, 017
T024-039	T024-010
T024-040	T024-011
T024-041	T024-013
T024-042	T024-016
T024-043	T024-022
T024-044	T024-002
T024-045	T024-018
T024-046	T024-020
T024-047	T024-021
T024-048	T024-023

Optional Accessories (Adaptors)

T023-002	'T' Size Short Stem
T023-003	American Bosch/Bosch 'P'
T023-004	'V' Size
T023-005	'U' Size
T023-006	Leyland/Gardner
T023-007	Gardner

ELECTRICAL SPECIFICATIONS

100/120v - 1 - 50/60HZ
220/240v - 1 - 50/60HZ

DIMENSIONS

356 x 495 x 775mm
(14" x 19.5" x 30.5")

WEIGHT: 80kg (176 lbs)

SHIPPING SPECIFICATION

Dimensions:
483 x 610 x 889mm (19" x 24" x 35")

Gross weight:
95kg (209 lbs)