

Ashot Ashkelon Industries Ltd.

Equipment & Machinery List

Updated: November 2014

MANUFACTURING ENVELOPE:

1000 X 1000 X 2000 (mm)

GEARS: M1→M16, up to class 5 (DIN 3962)

GEAR MANUFACTURING: 42 Machines

HOBGING

GEAR SHAPING

SPIRAL BEVEL

STRAIGHT BEVEL

DEBURRING

GEAR GRINDING

BROACHING

GRINDING: 30 Machines

O.D.-I.D. GRINDING

JIG GRINDING

LAPING

HONING

THREAD GRINDING

SURFACE GRINDING

MILLING/ MILTURN: 46 Machines

TURNING: 65 Machines

DRILLING: 19 Machines

DEEP HOLE DRILLING

BORING

RADIAL DRILLING

WELDING: 6 Machines

MIG

TIG

SPECIAL PROCESSES: 25 Machines & Equipment

NITRIDING

CARBURIZING

QUENCHING

VACUUM TEMPREING

DEEP FREEZING

ALUMINUM HEAT TREATMENT

METAL COATINGS (COPPER, CADMIUM & PHOSPHATE)

INDUCTION QUENCHING

SHOT AND GLASS BEADS PEENING

SHOT BLASTING

METALLURGICAL & LABORATORY EQUIPMENT: 21 Machines & Equipment

NDT (MPI, FPI, ETCH)

HARDNESS AND MICROHARDNESS TESTING MACHINES

CHEMICAL & METALLURGICAL LABORATORIES

MICROSCOPES

MECHANICAL TESTINGS

GENERAL AND GEAR TESTING EQUIPMENT: 37 Machines & Equipment

CMM

OPTICAL

BALANCING

GEAR TESTING

FUNCTIONAL TESTING BENCHES