





REGIONAL REPRESENTATIVES



MANAGEMENT SYSTEM

MANAGEMENT SYSTEM ISO 9001

THE ENVIRONMENTAL ISO 14001

OCCUPATIONAL HEALTH AND SAFETY OHSAS 18001

MANAGEMENT SYSTEM ISO 50001



QUALITY

MANAGEMENT SYSTEM ISO/TS 16949

MANUFACTURING GOST R 56404



ACHIEVEMENTS IN THE FIELD OF QUALITY



2002

BETAR RECEIVED THE DIPLOMA IN COMPETITION IN CANDI-DACY FOR THE PRIZE OF THE RUSSIAN FEDERATION GOV-ERNMENT IN THE FIELD OF QUALITY



2004

BETAR RECEIVED THE DIPLOMA OF LAUREATE IN COMPETITION IN CANDIDACY FOR THE PRIZE OF THE RUSSIAN FEDERATION GOVERNMENT IN THE FIELD OF QUALITY



2010

BETAR RECEIVED THE DIPLOMA IN COMPETITION IN CANDI-DACY FOR THE PRIZE OF GOVERNMENT IN THE REPUBLIC OF TATARSTAN FOR QUALITY



2012

THE COMPANY'S ACTIVITY WAS ASSESSED ON EXELLENCE MODEL CRITERIA OF EUROPEAN FOUNDATION FOR QUALITY MANAGEMENT (THE EFQM EXCELLENCE MODEL) AND RECEIVED THE HIGHEST APPRAISAL – 5 STARS!



2012

BETAR RECEIVED THE DIPLOMA OF LAUREATE OF THE PRIZE OF GOVERNMENT IN THE REPUBLIC OF TATARSTAN FOR QUALITY



2012

BETAR RECEIVED THE DIPLOMA OF LAUREATE IN COMPETITION IN CANDIDACY FOR THE PRIZE OF THE RUSSIAN FEDERATION GOVERNMENT IN THE FIELD OF QUALITY



2014

BETAR RECEIVED THE DIPLOMA OF LAUREATE IN COMPETITION IN CANDIDACY FOR THE PRIZE OF THE CIS COUNTRIES IN THE FIELD OF GOODS AND SURVICES QUALITY



2014

BETAR HAS BEEN INCLUDED IN THE HALL OF FAME OF THE ALL-RUSSIAN ORGANIZATION FOR QUALITY (ROQ).





SGV-15, SHV-15 SGV-20, SHV-20

VERSIONS

WITH ANTIMAGNETIC PROTECTION

WITH PULSE PUTPUT

WITH RETURN VALVE







SVM-25, SVM-32, SVM-40, SVMT-50



WITH PULSE PUTPUT

WITH HIGHER CLASS "C" OF ME-TROLOGICAL MEASUREMENT AC-









HOUSEHOLD GAS METERS SGBM-1,6 SGBM-2,5 SGBM-3.2 SGBM-4

VERSIONS WITH PULSE PUTPUT WITH TEMPERATURE OFFSET





HOUSEHOLD ULTRASONIC GAS METER G-1.6, G-2.5, G-4, G-6









7AP 3CO-211 / FOCT & STITE-TOUS FOCT P STITE-TOUS CE







ESO-211 MULTIRATE

ESO-111.1 A2 SINGLE-RATE

BARS1M-111 MULTIRATE



JOINTING PRODUCTS

PIPE FITTINGS

PRESSURE CONTROL VALVE

PVM-15 MAGNETIC WATER TRANSDUCER







AUTOMATED METER READING SYSTEM

- DATA COLLECTING
- BILLING
- MONITORING AND PLANNING OF ENERGY CONSUMPTION
- ONLINE CHECK OF METERS OPERABILITY

AUTOMATED METER READING SYSTEM

THE SYSTEM INCREASES THE WORK EFFICIENCY AND RELI-ABILITY OF HOUSING AND UTILITIES SECTOR BY MEANS OF:

- EXCLUSION OF HUMAN FACTOR WHILE COLLECTING AND TRANSMISSION OF METERED DATA AND BILLING FOR HOUS ING AND UTILITIES SERVICES
- TRANSPARENT BILLING FOR COMMUNAL USE
- ELIMINATE TAMPERING (THE SYSTEM INFORMS ABOUT POS SIBLE EXTERNAL MAGNETIC EFFECTS ON SMART METERS







SPECIAL TEST EQUIPMENT DEPT.





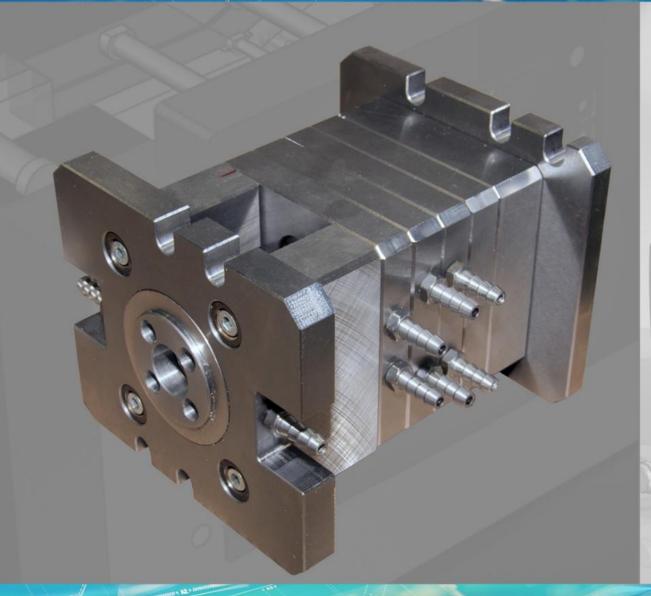








PRODUCTION SUPPORT DEPT



DESIGN OF INJECTION MOLDS

IS MADE WITH THE HELP OF MODERN CAD/CAM SYSTEMS, SOLID EDGE AND KOMPAS 3D USING DATA BASES OF STANDARDISED HASCO AND FODESCO ELEMENTS

INTEROPERATIONAL INSPECTION AND FINAL CHECKOUT

ARE PROVIDED BY UP-TO-DATE MONITORING SYSTEMS AND MEASUREMENT, AS WELL AS INTEGRATED IN EQUIPMENT



PRODUCTION SUPPORT DEPT

MOLD CONSTRUCTION PARK OF HI-TECH AND POWERFUL EQUIPMENT: DMG, SODICK, FERRARI, ANKA

SPECIFICATIONS:

- TYPES OF MOLDS: WITH HOTRUNNER AND COLDRUNNER SYSTEMS
- OPERATION LIFE: FROM 500 000 CLAMPINGS
- MAXIMUM MOLD BASES SIZE: 720×650

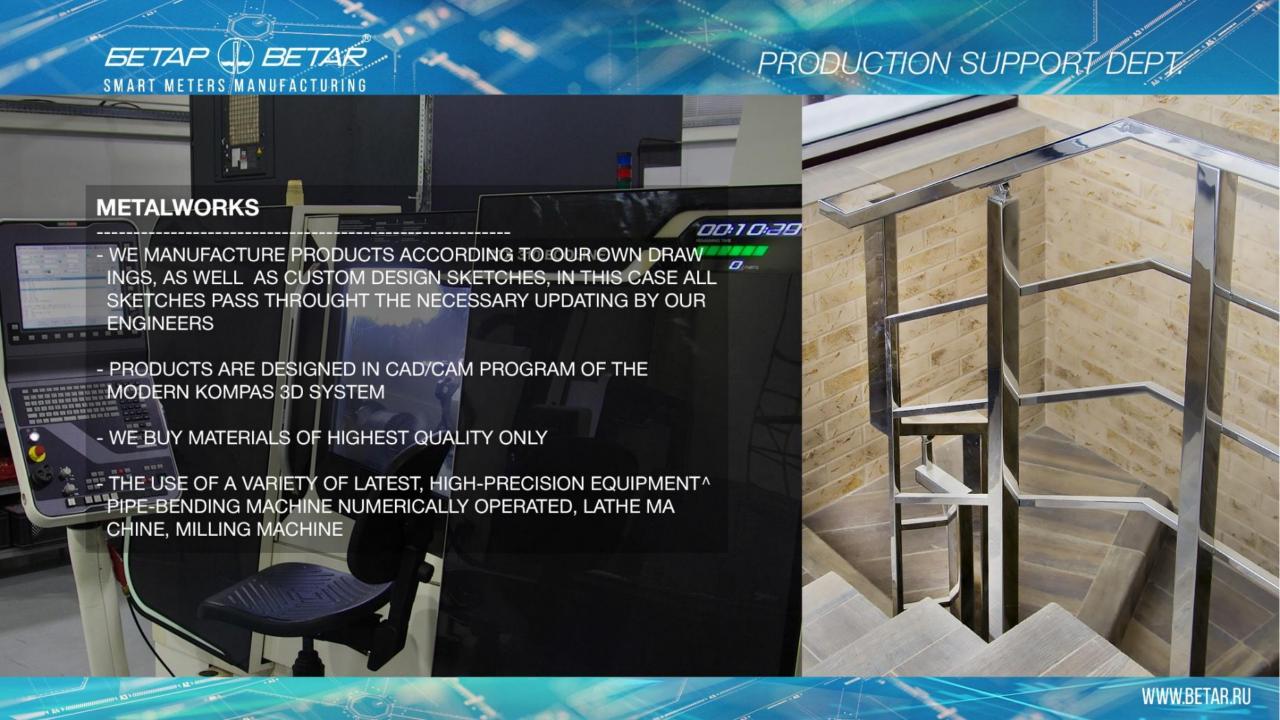
WE OFFER:

- DESIGN AND MANUFACTURE OF MOLDS
- DESIGN OF MOLDS USING BOTH STANDART MOLD BASES (FODESCO, HASCO) AND CUSTOMER'S DRAWINGS
- QUOTATION IS OFFERED IN 2 DAYS



TYPICAL AND SPECIALIZED CUTTING TOOLS – MILLING CUTTERS, DRILLS, CUTTING TOOLS ARE USED FOR MACHINING OF STEEL, BASE METALS, PLASTICS AND WOOD

- MANUFACTURE OF STANDART SOLID, AXLE TOOLS
- MANUFACTURE OF STANDART SOLID, AXLE TOOLS
- PRODUCTION OF GEOMETRICALLY-COMPLEX TOOLS
- DESIGN AND MANUFACTURE OF TOOLS WITH REPLACEABLE INSERTS
- CHANGEOVER THE EXISTING SPECIALIZED TOOLS WITH BRAZED PLATES TO THE TOOLS WITH REPLACEABLE INSERTS









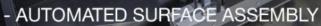
ELECTRONICS ENGINEERING FOR METERS

YOU CAN COUNT ON US TO OFFER YOU THE FOLLOWING:

AUTOMATED LINE FOR SURFACE MOUNTING

TECHNICAL CHARACTERISTICS:

- WE WORK WITH PRINTED CIRCUIT BOARD UP TO 740X460 MM
- MINIMUM DETAIL'S TYPICAL SIZE 01005
- HEIGHT OF INSERTED DETAILS: UP TO 15 MM
- ASSEMBLY SPEED UP TO 28 000 DETAILS PER HOUR
- ACCURACY OF CHIPS INSERTION ±30 MICRON WITH 3 SIGMA
- EXCELLENT ASSEMBLY FREQUENCE



- MANUAL LEAD-OUT ASSEMBLY USING MODERN SOLDERING STATIONS





MCC BETAR LTD. MANUFACTURING OF SMART METERS AND

METERING EQUIPMENT FOR ENERGY RESOURSES

MCC BETAR LTD., ENGELS STR., 129T, CHISTOPOL, 422980, REPUBLIC OF TATARSTAN, **RUSSIAN FEDERATION**

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