

ButtWelders USA, Inc.

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Reference Number: 099D-239

MACHINERY SPECIFICATIONS

MORGANKOCH TUNERLINE WIRE DRAWING MACHINE

Six Drafts

Traction force, about = block 1-5 1250 Kg (2750 Lbs)
Block - deadblock

Product material = Low and Medium Carbon Steel

Draw Range = Max Inlet – LC 7.0mm (.276")
Finishing – LC 2.5 – 5.4mm (.089" - .214")

Machine Speed = 15 m/s (3,000 f.p.m.) max- infinitely variable for continuous operation

Block Diameters = Ripper OTO 1 600mm (24")
Intermediate 2-5 600mm (24")
DeadBlock 6 560mm (22")

Reductions= about 15 – 35% draft

Die Holders= adjustable for setting cast(circle) and helix cast, combined with a soapbox

Cooling= blocks – water cooled with special MORGANKOCH patented high efficiency,
Self cleaning CHAMBER cooling system.

Dies= water cooled

Drive motors= D.C. Motors, drip proofed, blocks 1 – 6 ; 60 hp each at 1200 – 2400 rpm

S.C.R. SETS for above motors with overload capacity for 1.5 times the normal load for 1 min.
For 575 volts/60 hz power, compete with all controls.

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Braking system=	high speed pneumatic disc brakes are mounted on motor shafts to provide fast Controlled braking (from full speed to stand-still in less than 2 seconds). The disc brakes are controlled by tuner roll with can cause closing and releasing of each brake several times with in the 2 second stopping time. This tuner-controlled braking system eliminates wire breaks under “ quick stop “ conditions.
Switch Cabinet=	sheet steel cabinets, ready for connection to the machine. The cabinets and the machine are pre-wired. Cables between the machine and control cabinets are not part of the machine but are offered as options. Isolation transformer is not included in the machine price.
Safety devices=	the machine is equipped with all safety as per regulations. Noise level is below 85 dB (A).
Accessories=	Pull-in dog.
Offered =	As is, where is, users plant as run in production.

This quotation supersedes all previous quotations and agreements relating to this transaction. ButtWelders USA, Inc. standard terms and conditions are attached and apply to this quotation except where amended below:

AMENDMENT: SECTION 7 – PAYMENTS: FULL PAYMENT WITH PURCHASE ORDER.