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# 2K SERVO MULTI INJECTION



We believe that *Excellence* is a journey not a *Destination*



## TECHNICAL SPECIFICATION

### SPECIAL FEATURES

- Robust & new generation toggle type clamping.
- Rotary mould platen mounting as per Euromap standard.
- Highly precise end position control for rotary mould Mechanism.
- Rotation system is possessed high speed, smooth & Impact free movement.
- Separate hydraulic circuit for single & dual injection Configuration.
- High speed, Multi Password & user friendly controller.
- Independent hydraulic ejector.
- Each ejector cylinder is equipped with linear position transducer & retract confirmation through limit switch for redundant safety.
- Separate water cooling line for individual injection Feed throat.
- En201 safety for clamping unit.
- Single electrical panel design for easy accessibility.
- Automatic lubrication system on clamping & rotary table.

### STANDARD FEATURES

- Heavy duty 5-point double toggle mechanism With large mould opening stroke.
- Precise mould safety.
- Advance screw design for homogenous plasticizing.
- Multi password facility for operators.
- MPCB for motor protection.
- Safety on front & rear door.
- Under voltage-over voltage protection.

MODEL		160 Ton	
INJECTION UNIT	UNIT	IU-170-2K	
		FRONT INJECTION	REAR INJECTION
INJECTION		IU-170	IU-170
INJECTION CAPACITY MAX. ( GPPS )	gm	165	165
INJECTION PRESSURE	bar	1400	1400
INJECTION RATE	cc/sec	115	145
INJECTION SCREW STROKE	mm	170	170
SCREW DIAMETER	mm	36	36
SCREW L / D RATIO	-	22	22
SCREW SPEED MAX.	rpm	330	330
NO. OF PYROMETERS ( BARREL+NOZZLE )	-	3 + 1N	3 + 1N
TOTAL HEAT CAPACITY	kw	10.2	10.2

### CLAMP UNIT

CLAMP FORCE	ton	160
CLAMP STROKE	mm	440
MAXIMUM DAYLIGHT	mm	990
MINIMUM MOULD HEIGHT	mm	200
MAXIMUM MOULD HEIGHT	mm	550
PLATEN SIZE ( H x V )	mm	745 X 695
DISTANCE BETWEEN TIE ROD ( H x V )	mm	520 X 470
EJECTOR STROKE	mm	140
EJECTOR FORCE	ton	5.3
MOULD WEIGHT CAPACITY	kg	1300

### GENERAL

SERVO DRIVE ( PRIMARY + SECONDARY )	kw	18 + 12
TOTAL OIL TANK CAPACITY	ltr	380
CONNECTED LOAD	kw	50.4
MACHINE DIMENSIONS ( L x W x H )	m	6.4 X 1.6 X 2.1
MACHINE WEIGHT	ton	7.5

### OPTINAL FEATURE

- LM guideways for both injection unit.
- Robot interface euromap 67.
- 3 zone hot runner output.
- Digital back pressure.
- High speed injection unit.
- High speed clamping unit.
- Water flow control valve on heat exchanger.
- Multiple corepull.