

UNIVERSAL PET



PERFECT PET ZONE



PET STRETCH BLOW MOULDING MACHINE (SEMI & AUTO DROP)

SPECIFICATIONS AND TECHNICAL DETAILS

SPECIFICATION	UNIT	UPE/SM 1 LTR.	UPE/SM 2 LTRS.	UPE/B & J 2 LTRS.	UPE/AD 1 LTR.	UPE/AD 2 LTRS.	UPE/ B&J 5 LTRS.	UPE/B&J 5 LTRS.	UPE/JA 20 LTRS.
CAVITY PITCH	MM	150	150	150	150	150	250	250	350
MOULD THICKNESS	MM	150	150	150	150- 200	150-200	160-180	160-180	350-360
CLAMPING STROKE	MM	150	150	150	200	200	250	250	350
CLAMPING FORCE	TON	4	8	8	8	8	12.5	15	20
STRETCHINE STROKE	MM	400	400	450	400	450	400	400	550
NUMBER OF CAVITY	PC	2	2	2	2	2	1-2	1-2	1
PRODUCT HEIGHT	MM	300	330	330	300	300	350	350	520
CONTAINER VOLUME	ML	100 MN 1000 MX.	100 MN 2000 MX.	100 MN 2000 MX.	30 MN 1000MX.	200 MN 2000MX.	200 MN 5000MX.	200 MN 5000MX.	5000 MN 20000 MX.
NECT OUTER DIAMETER (MAX.)	MM	19-28	25-46	28-83	19-28	28-83	28-46	46-120	46-120
PRODUCT OUTER DIAMETER (MAX.)	MM	75	90	115	75	115	170	190	300
THEORETICAL PRODUCTION	PCS/HR	600	600	600 JR 800 BT	1100 BT	1100 BT	500 JR 700 BT	450 JR 650 BT	75 JR
TOTAL POWER CONNECTED	KW	11.5	12.5	17.5	12.5	12.5	19.5	19.5	38
HEATING POWER	KW	10.5	12	16	10	12	16	16	36
OPERATING AIR PRESSURE	KGS/CM2	8	8	8	8	8	8	8	8
BLOWING AIR PRESSURE	KGS/CM2	30	30	30	30	30	30	30	35

FEATURES

- ★ COMPACT DESIGN FOR SPACE SAVING
- ★ HIGH QUALITY CYLINDERS AND VALVES FOR TROUBLE FREE OPERATION
- ★ MACHINE MAINTENANCE, TESTING AND PRODUCTION HAVE MANUAL AND AUTO MODE.
- ★ GENUINE PARTS ARE USED TO ENHANCE MACHINE LIFE.
- ★ SEPARATE PRESSURE ADJUSTALE VALVES ARE GIVEN FOR HIGH PRESSURE

FULLY AUTOMATIC PET STRETCH BLOW MOULDING MACHINE

SPECIFICATIONS AND TECHNICAL DETAILS

SPECIFICATION	UNIT	UPE 110	UPE 130	UPE160	UPE130F
CAVITY PITCH	MM	110	130	N.A.	130
MOULD THICKNESS	MM	160 MN 200MX	180 MN 200 MX	200 MN 250 MX	180 MN 200 MX
CLAMPING STROKE	MM	150 MX	200 MX	250 MX	200 MX
STRETCHINE STROKE	MM	400 MX	450 MX	450 MX	450 MX
NUMBER OF CAVITY	NOS.	2	2	1	4
PRODUCT HEIGHT	MM	350 MX	400 MX	400 MX	400 MX
CONTAINER VOLUME	ML	60 MN 1000MX	100 MN 2000 MX	100 MN 2000 MX	100 MN 2000 MX
NECT OUTER DIAMETER (MAX.)	MM	19-30	25-38	25-120	25-38
PRODUCT OUTER DIAMETER (MAX.)	MM	75	100	150	100
THEORETICAL PRODUCTION	PCS/HR	2200	2200	1000	3600
TOTAL POWER CONNECTED	KW	20	20	24	38
HEATING POWER	KW	8	8	12	16
HYD PUMP MOTOR CONVEYOR MOTOR + BLOWER	KW	3.75 1.5	7.5 1.5	7.5 1.5	11.75 5.0
NUMBER OF LAMPS	PCS	24	24	27	32
OPERATING AIR PRESSURE	KGS/CM2	8	8	8	8
BLOWING AIR PRESSURE	KGS/CM2	35	35	35	35

FEATURES

- ★ SPECIAL HYDRAULIC VALVE FOR FAST MOULD OPENING AND CLOSING
- ★ IN BUILT SELF DIAGNOSTIC FUNCTION WILL DISPLAY FAULTY AREAS WITH CAUSES AND
- ★ REMEDIES TO ENSURE HASSLE FREE PRODUCTION.
- ★ HIGH SENSITIVE SENSORS ARE PROVIDED FOR SAFETY OF MACHINE.
- ★ SPECIALLY DESIGNED HOPPER SOTRAGE TO HOLD 150 KG PREFORM WHICH ENSURE AT LEAST 3



20 HP (54 CFM)

PET COMPRESSOR (TANK MOUNTED)

SPECIFICATIONS AND TECHNICAL DETAILS

MODEL	FAD(LPM)	WORKING PRESSURE	CFM	MOTOR H.P	TANK CAPACITY
UEHP10	420 LPM	30 KG	28	10 HP (7.5 KW)	420 LTRS.
UEHP15	850 LPM	30 KG	42	15 HP (11 KW)	500 LTRS.
UEHP20	1380 LPM	30 KG	54	20 HP (15 KW)	500 LTRS.



WATER CHILLERS

SPECIFICATIONS AND TECHNICAL DETAILS

MODEL	CAPACITY	FLOW IN LPM	POWER INPUT IN WATTS	CAPACITY IN KILO CAL/ HOUR
UPEWC10	1 TR	10	1550	3000
UPEWC20	2 TR	20	3250	6000
UPEWC30	3 TR	30	4350	9000
UPEWC50	5 TR	50	7900	15000
UPEWC75	7.5 TR	75	12100	22500
UPEWC100	10 TR	100	14850	30000



HIGH PRESSURE REFRIGERATED AIR DRYERS

SPECIFICATIONS AND TECHNICAL DETAILS

MODEL	CAPACITY	WORKING PRESSURE	END CONN	REFRIGERANT
UPEAD40	40 CFM	35 KG	3/4"	R 134A
UPEAD60	60 CFM	35 KG	1"	R 134A
UPEAD80	80 CFM	35 KG	1"	R134A
UPEAD100	100 CFM	35 KG	1 1/2"	R 134A
UPEAD150	150 CFM	35 KG	1 1/2"	R134A
UPEAD200	200 CFM	35 KG	1 1/2"	R134A



PET COMPRESSOR (BASEMOUNTED)

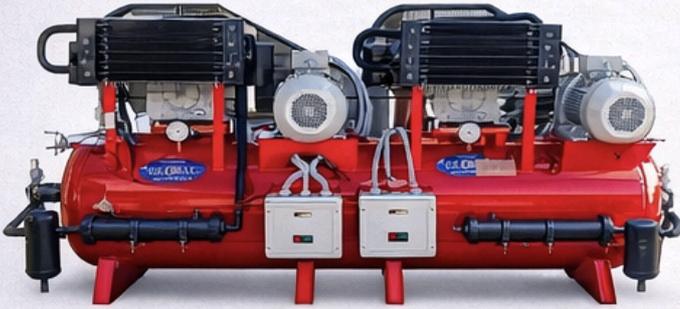
SPECIFICATIONS AND TECHNICAL DETAILS

MODEL	FAD (LPM)	WORKING PRESSURE	MOTOR H.P	TYPE	TYPE OF COOLING
UEPB15	850 LPM	30 KG	15 HP (11KW)	BASEMOUNTED	A/C. W/C
UEPB20	1380 LPM	30 KG	20 HP (15 KW)	BASEMOUNTED	A/C, W/C

UNIVERSAL EQUIPMENTS

PET JUMBO COMPRESSOR

SPECIFICATIONS AND TECHNICAL DETAILS



MODEL	FAD/LPM	WORKING PRESSURE	TANK CAPACITY
UEPH10	430 LPM	30 KG	420 LTRS.
UEPH15	850 LPM	30 KG	500 LTRS.
UEPH20	1380 LPM	30 KG	1500 LTRS.

VERTICAL AIR RECEIVERS (HIGH PRESSURE)

SPECIFICATIONS AND TECHNICAL DETAILS



MODEL	TANK CAPACITY	WORKING PRESSURE	TESTING PRESSURE	TANK THICKNESS
UPEVT500	500 LTRS	30 KG	45 KG	12 MM
UPEVT800	800 LTRS.	30 KG	45 KG	12 MM
UPEVT1000	1000 LTRS.	30 KG	45 KG	12 MM

- ★ COMPACT DESIGN
- ★ ISI 2041 GRADE MATERIAL CONSTRUCTED
- ★ PRESSURE TESTING PROVIDED 45 45 KG ON TESTING PROCESS
- ★ INTERNAL PAINTING PROCESS
- ★ NO MOISTURES

INJECTION PREFORM MOULDING MACHINE



UNIVERSAL EQUIPMENTS

S.F.No.502/4F2, KURUMPAPALAYAM,
Behind Mahaliamman Kovil, NEELAMBUR,
Coimbatore - 641 402, TAMILNADU, INDIA
9443709163 | 7598105889 | 7598205899
E-mail: universals2004@gmail.com

DEALER