

elman INDUSTRIAL FURNACE & OVEN MODELS

BOGIE HEARTH/CAR BOTTOM /MOBILE FURNACE

MODEL NO BGF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONST UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BG-922	35°C-1200°C	CUSTOMIZED	± 5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-500KW AS PER REQ
EM-BG-515	35°C-1200°C	CUSTOMIZED	± 5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415V AC	2-500KW AS PER REQ
EM-BG-608	35°C-1200°C	CUSTOMIZED	± 5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODUL	3PH/415V AC	2-500KW AS PER REQ

BATCH /BOX TYPE FURNACE

MODEL NO BTF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BT-1022	35°C-1200°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW ASPER REQ
EM-BT-915	35°C-1200°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BT-908	35°C-1200°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBREC ERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ

GAS CARBURIZING FURNACE

MODEL NO GCF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATED	POWER SUPPLY	POWER IN KW
EM-GC-422	35°C-950°C	CUSTOMIZE	±5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ

EM-GC-914	35°C-950°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WAL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-GC-609	35°C-950°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
DROP BOTTOM QUENCHING FURNACE								
MODEL NO BQF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BQ-522	35°C-700°C	CUSTOMIZE	±5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BQ-615	35°C-700°C	CUSTOMIZE	±5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BQ-608	35°C-700°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
DROP BOTTOM QUENCHING TOWER FURNACE (WATER TANK MOVABLE)								
MODEL NO BQTF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BQT-622	35°C-700°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-500 KW AS PER REQ
EM-BQT-920	35°C-700°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BQT-915	35°C-700°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
ALUMINIUM /COPPER/ZINC-MELTING WITH TITLING FURNACE								
MODEL NO ATF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-AMT-222	35°C-1100°C	CUSTOMIZED	±5	A1-KANTHAL/ STRIP OR WIRE	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ

EM-GC-914	35°C-950°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WAL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-GC-609	35°C-950°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
DROP BOTTOM QUENCHING FURNACE								
MODEL NO BQF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BQ-522	35°C-700°C	CUSTOMIZE	±5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BQ-615	35°C-700°C	CUSTOMIZE	±5	A1-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BQ-608	35°C-700°C	CUSTOMIZE	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
DROP BOTTOM QUENCHING TOWER FURNACE (WATER TANK MOVABLE)								
MODEL NO BQTF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BQT-622	35°C-700°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-500 KW AS PER REQ
EM-BQT-920	35°C-700°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BQT-915	35°C-700°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
ALUMINIUM /COPPER/ZINC-MELTING WITH TITLING FURNACE								
MODEL NO ATF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-AMT-222	35°C-1100°C	CUSTOMIZED	±5	A1-KANTHAL/ STRIP OR WIRE	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ

EM-VF-822	35°C-920°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-VF-915	35°C-920°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRECERAMIC/MO DULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-VF-1008	35°C-920°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRECERAMIC/MO DULE	3 PH/415 V AC	2-500 KW AS PER REQ

NIT RIDING FURNACE

MODEL NO NRF 708	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-NR-622	35°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-NR-515	35°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-NR-709	35°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ

PIT TYPE FURNACE

MODEL NO PT	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-PT-522	35°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-PT-615	35°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-PT-709	35°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ

BELL FURNACE

MODEL NO BL	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BL-122	30°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BL-915	30°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ
EM-BL-709	30°C-950°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3 PH/415 V AC	2-500 KW AS PER REQ

MUFFLE FURNACE

MODEL NO MF	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-MF-122	30°C-1400°C	CUSTOMIZED	±5	SILICON CARBON ROD	DOUBLE WALL	FIBRE CERAMIC/MODULE	1PH/230 V AC	0-3 KW AS PER REQ
EM-MF-715	30°C-1400°C	CUSTOMIZED	±5	SILICON CARBON ROD	DOUBLE WALL	FIBRE CERAMIC/MODULE	1PH/230 V AC	0-3 KW AS PER REQ
EM-MF-709	920°-1400°C	CUSTOMIZED	±5	SILICON CARBON ROD	DOUBLE WALL	FIBRE CERAMIC/MODULE	1PH/230 V AC	0-3 KW AS PER REQ

BATCH/BOX OVEN

MODEL NO BTO	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BT-922	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-500 KW AS PER REQ
EM-BT-615	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-500 KW AS PER REQ
EM-BT-709	30°-300°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME80/20	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-500 KW AS PER REQ

BOGIE HEARTH /MOBILE/CAR BOTTOM OVEN

MODEL NO BGO	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTR UCTION	INSULATION	POWER SUPPLY	POWER IN KW
EM-BO-522	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ NICHROME	DOUBLE WALL	FIBRECERAMIC/ MODULE	3PH/415 V AC	2-250 KW AS PER REQ
EM-BO-615	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ STRIP OR WIRE	DOUBLE WALL	FIBRE CERAMIC/ MODULE	3PH/415 V AC	2-250 KW AS PER REQ
EM-BO-709	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ STRIP OR WIRE	DOUBLE WALL	FIBRE CERAMIC/ MODULE	3PH/415 V AC	2-250 KW AS PER REQ

HOT AIR OVEN

MODEL NO HO	TEMP RANGE	WORKING SIZE IN MM	TEMP STABILITY	HEATING ELEMENT	CONSTRU CTION	INSULATION	POWER SUPPLY	POWEER IN KW
EM-HO-422	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ STRIP OR WIRE	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-250 KW AS PER REQ
EM-HO-615	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ STRIP OR WIRE	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-250 KW AS PER REQ
EM-HO-709	30°C-300°C	CUSTOMIZED	±5	AI-KANTHAL/ STRIP OR WIRE	DOUBLE WALL	FIBRE CERAMIC/MODULE	3PH/415 V AC	2-250 KW AS PER REQ