

lucidfusion®

It welds which never fails



Buttfusion
Welding Equipments



Tejas Industries
AN ISO 9001 : 2015 CERTIFIED COMPANY

ABOUT US

With a mission to become the prime source of various butt fusion welding Equipment, Tejas Industries began its journey in 1998. Our company is identified as the leading manufacturer and exporter of various world class welding equipment. The product assortment we offer consists of, Butt Fusion welding machine, Butt fusion Heating Plates, Extruders, Electrofusion Welding machine, HDPE pipe fittings & many other Accessories. These Machines are available in various sizes and industry specific requirement. They are highly appreciated by the clients for qualities featuring High Efficiency, Advance in Technology, Outstanding Performance, Easy Installation, Light Weight and Low Maintenance.

COMPANY PROFILE

We have installed state-of-the-art machines at our units that are helpful in fabricating technologically advanced products in compliance with industrial norms of quality. Using the same, our team of qualified engineers and skilled professionals develop products as per the market demands. Herein, we use superior raw materials such as casted aluminum, iron, plastic, etc. which assure high strength and durability to the structure. Our premium grade products have enabled us to gain maximum number of clients from national and international markets.

VISION

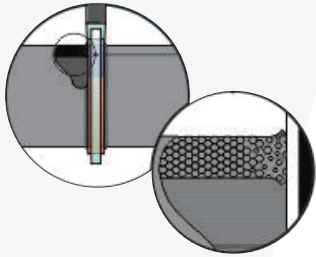
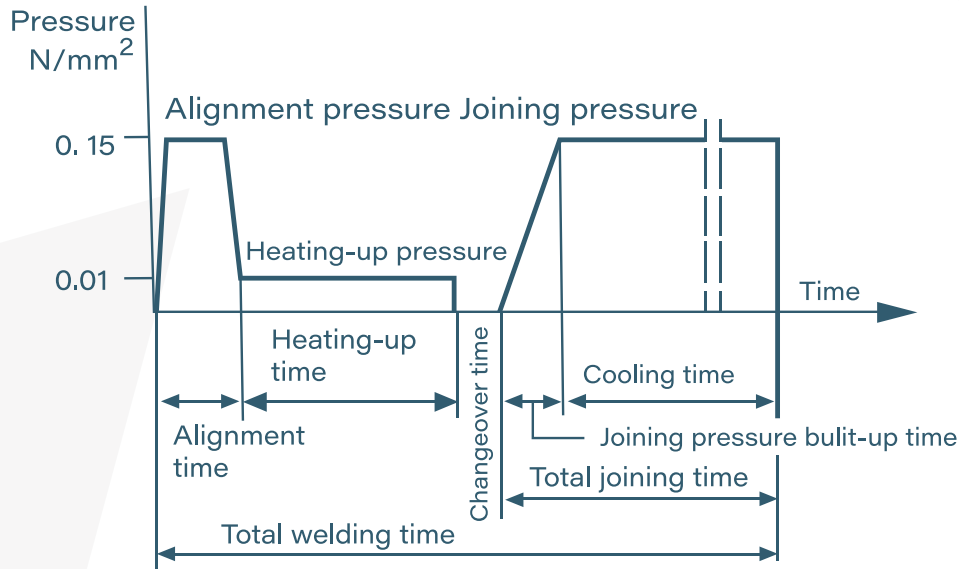
We are serving a number of well known clients all over the world with our preset vision. Our vision is to achieve the highest quality standards in all manufacturing products. All the machines and equipment must give excellent performance. Understanding our Valued customer's Furthermore, we have involved the following into our vision Upto the mark services to match customer expectations. Implementing Current Trends and Technologies.



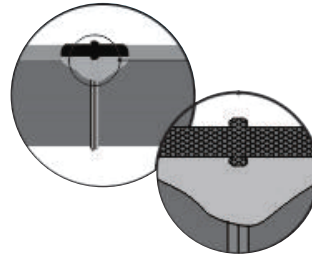
WHAT IS BUTT FUSION WELDING

Butt welding is the most common method to joint HDPE, PP, PPR, PVDF Pipes & its Fittings.

The Pieces to be welded are not added any welding material but the surfaces to be pointed are heated up by means of a heater plate. The melted surfaces are then pressed together and the molecule chains will thus intrude each other and form a strong joint. There is no chemical connection between the molecule chains, the strength of the Joint is base mainly on cohesion between the molecules.



The pipe is heated to change its molecular structure to an amorphous state making it a very pliable material. As the joint cools, the molecules return to their crystalline form, the original interface are gone, and the two pipes have become one homogeneous pipe.



After the pipe has been fused, it cools and returns to a crystalline structure, creating one homogeneous pipe.



Clamping the pipe

The pipes will be held to the center by application of clamp force.



Facing the pipe surfaces

Facing will give you smooth, parallel & clean pipe ends.



Heating the pipe

A heating plate will heat the pipe to the fixed temperature.



Fusing the pipe

After heating done, the pipes must be jointed with a specified force And the force on the joint must be held until the joint cools.

MODEL: IWS

MODEL NAME : INTELLIGENT WELDER SERIES

AUTOMATIC BUTT FUSION PIPE WELDING MACHINE



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps with Parallel Hydraulic Cylinder Mounted On Robust Ms Main Structure.
- ▶ PLC Based Compact & Lightweight Electro-Hydraulic Unit with Corded Remote Control for Easy Operating, Separate Pressure Regulator for Drag & Joint, MCB Along with Voltage Meter.
- ▶ Electrically Operated Geared Drive Trimmer for Optimised Cutting speed, Compact & Easy Locking Mechanism.
- ▶ PTFE Coated Heating Plate with Microprocessor Base PID Digital Temperature Controller.

SPECIFICATION:

MODEL	IWS160	IWS200	IWS250	IWS315	IWS450
WORKING RANG	160-50MM	200-63MM	250-90MM	315-90MM	450-200MM
RECAMANDE TEMP.	180°C TO220°C	180°C TO220°C	180°C TO220°C	180°C TO220°C	180°C TO220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ
HEATER POWER	750 WATT	1000 WATT	1150 WATT	2000 WATT	3300 WATT
GEN SET REQUIRED	5KVA	5KVA	5KVA	7.5 KVA	7.5 KVA

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)

STANDARD CONFIGURATION

Basic Machine, Hydraulic Unit, Trimming Unit (Planer), Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert.

MOBILE APPLICATION

User Friendly Lucid Fusion Android Mobile Application Ensure Easy, Fast & Error free Calculation of Welding Parameter Just by Selecting a Machine Model & Pipe Parameter.

MODEL: IWS

MODEL NAME : INTELLIGENT WELDER SERIES

AUTOMATIC BUTT FUSION PIPE WELDING MACHINE



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps with Parallel Hydraulic Cylinder Mounted On Robus Ms Main Structure.
- ▶ PLC Based Compact & Lightweight Electro-Hydraulic Unit Corded Remote Control for Easy Operatin, Separate Pressure Regulator for Drag & Joint, MCB Along with Voltage Meter & R, Y ,B Indicator.
- ▶ Electrically Operated Geared Drive Trimmer for Optimised Cutting speed, Compact & Easy Locking Mechanism.
- ▶ PTFE Coated Heating Plate with Microprocessor Base PID Digital Temperature Controller.
- ▶ Remote Operated Over Hade Wire Rope Hoist to Lift Mirror & Trimmer.

SPECIFICATION:

MODEL	IWS 630	IWS 800	IWS 1000	IWS 1200
WORKING RANG	630 - 315MM	800 - 450MM	1000 - 630MM	1200 - 630MM
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 440V/50HZ	AC 440V/50HZ	AC 440V/50HZ	AC 440V/50HZ
HEATER POWER	5000 WATT	8500 WATT	10000 WATT	11000 WATT
GEN SET REQUIRED	15KVA	15KVA	20KVA	20KVA



CONNECTION TYPE : AC (3Ø) 32 Amp Five Pin Top (3Line [R, Y, B] + Neutral + Earth)

STANDARD CONFIGURATION

Basic Machine, Hydraulic Unit, Trimming Unit (Planer), Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert, Over Hade Wire Rope Hoist

MOBILE APPLICATION

User Friendly Lucid Fusion Android Mobile Application Ensure Easy, Fast & Error free Calculation of Welding Parameter Just by Selecting a Machine Model & Pipe Parameter.

MODEL: LWS

Welding job Reports
On mobile Through wi-fi

Flash Drive For
Weld Data Storage

MODEL NAME : LOGIC WELDER SERIES

AUTOMATIC BUTT FUSION PIPE WELDING MACHINE WITH DATA LOGGER



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps with Parallel Hydraulic Cylinder Mounted On Robust Ms Main Structure.
- ▶ PLC Based Compact & Lightweight Electro-Hydraulic Unit with Corded Remote Control for Easy Operating, Separate Pressure Regulator for Drag & Joint, MCB Along with Voltage Meter.
- ▶ Records All the Welding Data Needed to Assess the Quality of Weld Job.
- ▶ The Data Can Either Be Taken to USB for Print Out & Stored or Shared Through Lucid Fusion Android Application by Means of wi-fi.
- ▶ Electrically Operated Geared Drive Trimmer for Optimise Cutting Speed, Compact & Easy Locking Mechanism.
- ▶ PTFE Coated Heating Plate with Microprocessor Base Digital Temperature Controller.

SPECIFICATION:

MODEL	LWS160	IWS200	IWS250	IWS315	IWS450
WORKING RANG	160-50MM	200-63MM	250-90MM	315-90MM	450-200MM
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ
HEATER POWER	750 WATT	1000 WATT	1150 WATT	2000 WATT	3300 WATT
GEN SET REQUIRED	5 KVA	5 KVA	5 KVA	7.5 KVA	7.5 KVA

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)

STANDARD CONFIGURATION

Basic Machine, Hydraulic Unit, Trimming Unit (Planer), Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert.

MOBILE APPLICATION

User Friendly Lucid Fusion Android Mobile Application Ensure Easy, Fast & Error free Calculation of Welding Parameter Just by Selecting a Machine Model & Pipe Parameter.
Upload Reports to Server to Share it with Site Manager/Client by Email or WhatsApp & Store it Over Web for Any Future References.

MODEL: LWS



Welding job Reports
On mobile Through wi-fi



Flash Drive For
Weld Data Storage

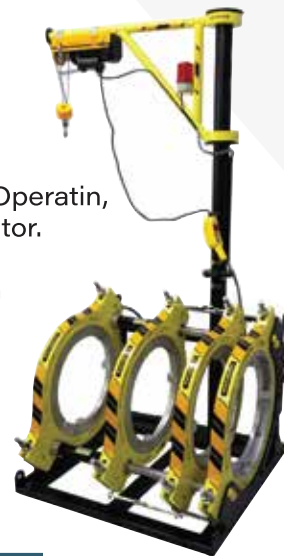
MODEL NAME : LOGIC WELDER SERIES

AUTOMATIC BUTT FUSION PIPE WELDING MACHINE WITH DATA LOGGER



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps with Parallel Hydraulic Cylinder Mounted On Robust Ms Main Structure.
- ▶ PLC Based Compact & Lightweight Electro-Hydraulic Unit Corded Remote Control for Easy Operatin, Separate Pressure Regulator for Drag & Joint, MCB Along with Voltage Meter & R, Y ,B Indicator.
- ▶ Records All the Welding Data Needed to Assess the Quality of Weld Job.
- ▶ The Data Can Either Be Taken to USB for Print Out & Stored or Shared Through Lucid Fusion Android Application by Means of wi-fi.
- ▶ Electrically Operated Geared Drive Trimmer for Optimised Cutting Speed, Compact & Easy Locking Mechanism.
- ▶ PTFE Coated Heating Plate with Microprocessor Base PID Digital Temperature Controller.
- ▶ Remote Operated Over Head Wire Rope Hoist to Lift Mirror & Trimmer.



SPECIFICATION:

MODEL	IWS 630	IWS 800	IWS 1000	IWS 1200
WORKING RANG	630 - 315MM	800 - 450MM	1000 - 630MM	1200 - 630MM
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 440V/50HZ	AC 440V/50HZ	AC 440V/50HZ	AC 440V/50HZ
HEATER POWER	5000 WATT	8500 WATT	10000 WATT	11000 WATT
GEN SET REQUIRED	15KVA	15KVA	20KVA	20KVA

CONNECTION TYPE : AC (3Ø) 32 Amp Five Pin Top (3Line [R, Y, B] + Neutral + Earth)

STANDARD CONFIGURATION

Basic Machine, Hydrulic Unit, Trimming Unit (Planer), Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert, Over Hade Wire Rope Hoist to Lift Mirror & Trimmer.

MOBILE APPLICATION

User Friendly Lucid Fusion Android Mobile Application Ensure Easy, Fast & Error free Calculation of Welding Parameter Just by Selecting a Machine Model & Pipe Parameter. Upload Reports to Server to Share it with Site Manager/Client by Email or WhatsApp & Store it Over Web for Any Future References.

MODEL: BWS

MODEL NAME : BASIC WELDER SERIES

SEMI AUTOMATIC BUTT FUSION PIPE WELDING MACHINE



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps with Parallel Hydraulic Cylinder Mounted On Robus Ms Main Structure.
- ▶ Compact & Lightweight Motorised Hand Lever Operated Hydraulic Unit with Separate Pressure Regulator for Drag & Joint
- ▶ Knob to Switch Pressure Between Join to Drag & Drag to Joint.
- ▶ Auto ON/OFF Motor with Hand Lever.
- ▶ Electrically Operated Geared Drive Trimmer for Optimised Cutting Speed, Compact & Easy Locking Mechanism.
- ▶ PTFE Coated Heating Plate with Microprocessor Base PID Digital Temperature Controller

SPECIFICATION:

MODEL	BWS160	BWS200	BWS250	BWS315	BWS450
WORKING RANG	160 - 50MM	200 - 63MM	250 - 90MM	315 - 90MM	450 - 200MM
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ
HEATER POWER	750 WATT	1000 WATT	1150 WATT	2000 WATT	3300 WATT
GEN SET REQUIRED	5 KVA	5 KVA	5 KVA	7.5 KVA	7.5 KVA

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)

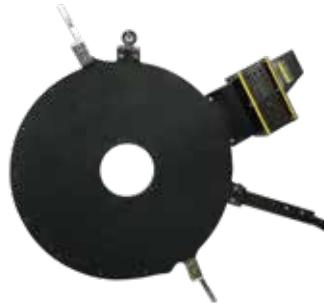
STANDARD CONFIGURATION

Basic Machine, Hydraulic Unit, Trimming Unit (Planer), Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert.

MODEL: BWS

MODEL NAME : BASIC WELDER SERIES

SEMI AUTOMATIC BUTT FUSION PIPE WELDING MACHINE



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps with Parallel Hydraulic Cylinder Mounted On Robus Ms Main Structure.
- ▶ Compact & Lightweight Motorised Hand Liver Operated Hydraulic Unit with Separate Pressure Regulator for Drag & Joint
- ▶ Knob to Switch Pressure Between Join to Drag & Drag to Joint.
- ▶ Auto ON/OFF Motor with Hand Lever.
- ▶ Electrically Operated Geared Drive Trimmer for Optimised Cutting Speed, Compact & Easy Locking Mechanism.
- ▶ PTFE Coated Heating Plate with Microprocessor Base PID Digital Temperature Controller
- ▶ Remote Operated Over Hade Wire Rope Hoist to Lift Mirror & Trimmer.

SPECIFICATION:

MODEL	BWS630	BWS800
WORKING RANG	630 - 315MM	800 - 450MM
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 440V/50HZ	AC 440V/50HZ
HEATER POWER	5000 WATT	8500WATT
GEN SET REQUIRED	15 KVA	15 KVA



CONNECTION TYPE : AC (3Ø) 32 Amp Five Pin Top (3Line [R, Y, B] + Neutral + Earth)

STANDARD CONFIGURATION

Basic Machine, Hydrulic Unit, Trimming Unit (Planer), Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert, Over Hade Wire Rope Hoist.

MODEL: HHS

MODEL NAME : HAND HYDRO SERIES

MANUAL HYDROLIC BUTT FUSION PIPE WELDING MACHINE



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps with Parallel Hydraulic Cylinder Mounted On Robus Ms Main structure.
- ▶ Compact Hydraulic Hand Pump Unit with Glycerine Filled Pressure Gauge & Direction Control Valve Mounted On Same Main Structure.
- ▶ Electrically Operated Geared Drive Trimmer for Optimised Cutting Speed, Compact & Easy Locking Mechanism.
- ▶ PTFE Coated Heating Plate with Microprocessor Base PID Digital Temperature Controller.

SPECIFICATION:

MODEL	HHS 110	HHS 160	HHS 200	HHS 250	HHS 315
WORKING RANG	110 - 32MM	160 - 50MM	200 - 63MM	250 - 90MM	315 - 90MM
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ
HEATER POWER	370 WATT	750 WATT	1000 WATT	1150 WATT	2000 WATT
GEN SET REQUIRED	3 KVA	5 KVA	5 KVA	5 KVA	5 KVA
STANDERED COMP. WEIGHT	65 KG	80 KG	95 KG	127 KG	190 KG

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)

STANDARD CONFIGURATION

Basic Machine with Hydraulic Unit, Trimming Unit (Planer), Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert.

MODEL: HPS

MODEL NAME : HAND PUSH SERIES

MANUAL HAND PUSH BUTT FUSION PIPE WELDING MACHINE

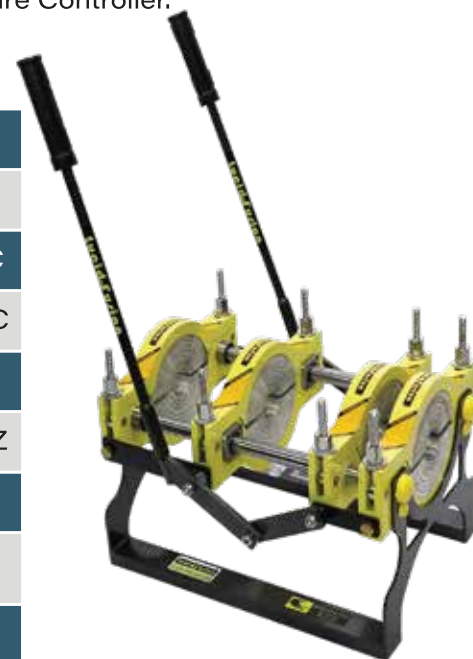


DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps Mounted On Robust Ms Main Structure.
- ▶ Easy Operating & Nice Compact Designed to Work in Tranches and Narrow Places.
- ▶ Excellent Stand & Press Designed to Obtain Required Pressure for Quality Butt Welding.
- ▶ Electrically Operated Geared Drive Trimmer For Optimised Cutting Speed & Smooth Surface.
- ▶ PTFE Coated Heating Plate with Microprocessor Base PID Digital Temperature Controller.

SPECIFICATION:

MODEL	HPS 110	HPS 160	HPS 200
WORKING RANG	110 - 32MM	160 - 50MM	200 - 63MM
HOT PLATE RANGE	50°C TO 280°C	50°C TO 280°C	50°C TO 280°C
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ
HEATER POWER	370 WATT	750 WATT	1000 WATT
TRIMMER POWER	800 WATT	800 WATT	800 WATT
STANDERED COMP. WEIGHT	40 KG	45 KG	56 KG



CONNECTION TYPE : AC (1Ø) 5 Amp Three Pin Top (Line + Neutral + Earth)

STANDARD CONFIGURATION

Basic Manual Machine, Trimming Unit , Hot Plate, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert.

MODEL: MWS

MODEL NAME : MECHANICAL WELDER SERIES

MECHANICAL BUTT FUSION PIPE WELDING MACHINE



DESCRIPTION:

- ▶ Pair of High Grade Aluminium Pipe Clamps Mounted On Robust Ms Main Structure.
- ▶ Easy Operating & Nice Compact Designed to Work in Tranches and Narrow Places.
- ▶ Excellent Rack & Pinion Designed to Obtain Required Pressure for Quality Butt Welding.
- ▶ Excellent Rack & Pinion Designed Make Possible to Remains in Same Position Where You Lock It.
- ▶ Electrically Operated Geared Drive Trimmer For Optimised Cutting Speed & Smooth Surface.
- ▶ PTFE Coated Heating Plate with Microprocessor Base Digital Temperature Controller.

SPECIFICATION:

MODEL	MWS 110	MWS 160	MWS 200	MWS 250
WORKING RANG	110 - 32MM	160 - 50MM	200 - 63MM	250 - 90MM
HOT PLATE RANGE	50°C TO 280°C	50°C TO 280°C	50°C TO 280°C	50°C TO 280°C
RECAMANDE TEMP.	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C	180°C TO 220°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ	AC 220V/50HZ
HEATER POWER	370 WATT	750 WATT	1000 WATT	1150 WATT
TRIMMER POWER	800 WATT	800 WATT	800 WATT	900 WATT
STANDERED COMP. WEIGHT	40 KG	45 KG	56 KG	74 KG

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)

STANDARD CONFIGURATION

Basic Manual Machine, Trimming Unit, Hot Plat, Trimmer & Hot Plate Carrying Case, Adapter Clamping Insert.

MODEL: DATA LINE 315

MODEL NAME : ELECTROFUSION WITH SCANNER

SOCKET ELECTROFUSION WELDING MACHINE WITH SCANNER

DESCRIPTION:

- ▶ Input Voltage Indicator
- ▶ Scanner to Scan Fusion Barcode to Set Fusion Time
- ▶ Illuminated ON/OFF Switch
- ▶ Illuminated START / STOP Push Button
- ▶ Fusion Process Indicator LED
- ▶ Records All the Welding Data Needed to Assess the Quality of Weld Job.
- ▶ The Data Can be Taken to USB for Print Out & Stored or Shared.
- ▶ Selector Switch Is very Advance Future Of Our Electrofusion for Accurate Joints.
(Set Selector Switch Near to Supply Voltage for Constant Fusion Voltage)
- ▶ Count Down Timer Along with AV Meter for Fusion Voltage & Ampere.
- ▶ Audio Visual Signal for Fusion & Cooling Process.
- ▶ Stop Button to Stop Fusion & Cooling at Any Stage.
- ▶ Face Lift Design with Big Display for Easy Visual.
- ▶ Lifting Handle & Cable Clamp On Top.
- ▶ Dust Protection Cap for USB slot

DISCRIPTION

TECHNICAL FEATURES

Working Range 20 To 315mm
Operating Temp. Rang -20 °C to 50 °C

SUPPLY VOLTAGE

Power Supply 200 To 230 V AC
Frequency 50/60 Hz. 1ø (Single Phase)
Current Consumption AC 16 Amp. Max
Generator Required 5 KVA

OUT PUT VOLTAGE

Out Put Voltage 39 V TO 40 V

SCANNER

Scanner Interface USB
Scanner code Type Barcode

DATA BACK UP (OPTIONAL)

Flash Drive Interface USB

CONNECTING CABLE

Input Supply Cable 1.5 Meter
Fusion Cable 3 Meter
Connecting pin 4mm PVC Insulated with cable
4.7mm One pair

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)



MODEL: ELF M2

MODEL NAME : MANUAL ELECTROFUSION WITH SCANNER

MANUAL SOCKET ELECTROFUSION WELDING MACHINE WITH SCANNER

DESCRIPTION:

- ▶ Input Voltage Indicator
- ▶ Scanner to Scan Fusion Barcode to Set Fusion Time
- ▶ Illuminated ON/OFF Switch
- ▶ Illuminated START / STOP Push Button
- ▶ Fusion Process Indicator LED
- ▶ Selector Switch Is very Advance Future Of Our Electrofusion for Accurate Joints. (Set Selector Switch Near to Supply Voltage for Constant Fusion Voltage)
- ▶ Count Down Timer Along with AV Meter for Fusion Voltage & Ampere.
- ▶ Audio Visual Signal for Fusion & Cooling Process.
- ▶ Stop Button to Stop Fusion & Cooling at Any Stage.
- ▶ Face Lift Design with Big Display for Easy Visual.
- ▶ Lifting Handle & Cable Clamp On Top.
- ▶ Dust Protection Cap for USB slot



DISRIPTION

TECHNICAL FEATURES

Working Range 20 To 315mm
Operating Temp. Rang -20 °C to 50 °C

SUPPLY VOLTAGE

Power Supply 200 To 230 V AC
Frequency 50/60 Hz. 1ø (Single Phase)
Current Consumption AC 16 Amp. Max
Generator Required 5 KVA

OUT PUT VOLTAGE

Out Put Voltage 39 V TO 40 V

SCANNER

Scanner Interface USB
Scanner code Type Barcode

CONNECTING CABLE

Input Supply Cable 1.5 Meter
Fusion Cable 3 Meter
Connecting pin 4mm PVC Insulated with cable
4.7mm One pair

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)

MODEL: NEW 28A

MODEL NAME : EXTRUDER WELDING

EXTRUDER WELDING MACHINE

DESCRIPTION:

- ▶ Equipped with Nitrated Screw & Barrel Ensure Durable Long Life.
- ▶ Microprocessor Base Digital Temperature controller with Ampere Display
- ▶ Input Voltage and Motor Load Ampere Display.
- ▶ Especially Designed High Torque Compact Electrical Motor.
- ▶ Over Load Protection Relay with Contactor for Motor.
- ▶ On/Off Illuminated Rocker Switch for Each Zone.
- ▶ Start - Stop Push Button with Indicator for Motor.
- ▶ Aluminium Body Reduction Gear Box to Optimise Required Rotation.
- ▶ Good Quality Insulated Heaters Along with Sensors.
- ▶ Best in Class Sturdy and Compact Light Weight Structure.
- ▶ Standard Base Wheel Along with Lifting Handles for Effortless Handling.
- ▶ Powder Coated Structure for Maximum Protection in All Weather.



APPLICATION:

Use at Any Work Site & In Workshop for Fabrication & Maintenance of HDPE, PP, PPH & PVDF Tanks, Profile Products & Fitting for Water, Gas and Other Fluids.

SPECIFICATION:

ZONE	FEEDER ZONE	MELTING ZONE	NOZZLE ZONE
RECAMANDE TEMP.	130°C TO 145°C	250°C TO 160°C	270 TO 280°C
TEMP. DEVIATION	<± 5 °C.	<± 5 °C.	<± 5 °C.
SUPPLY VOLTAGE	AC 220V/50HZ		
GEN SET REQUIRED	7.5 KVA		
WEIGHT	80 kG		
OUTPUT ROD	12 to 15 mm		
OUTPUT PER HOUR	3 to 4kg		

CONNECTION TYPE : AC (1Ø) 15 Amp Three Pin Top (Line + Neutral + Earth)

OUR GLOBAL REACH...



Tejas Industries

AN ISO 9001 : 2015 CERTIFIED COMPANY

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It welds which never fails

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