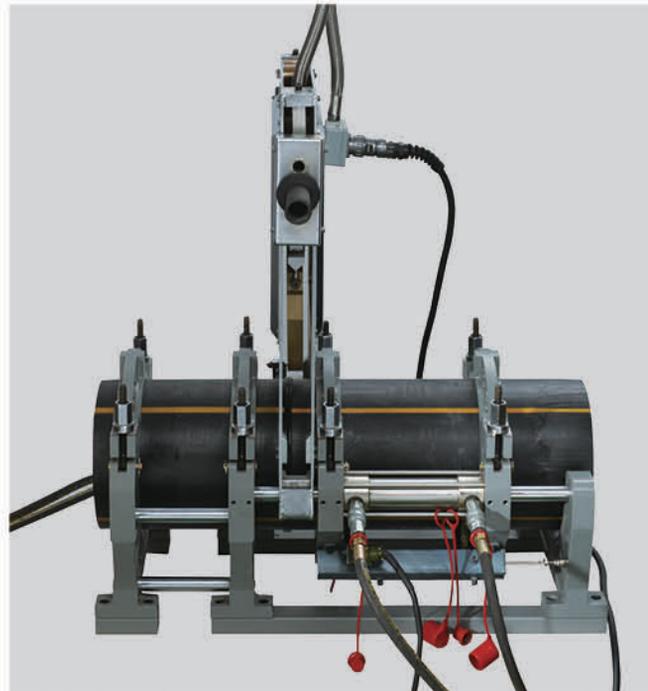


管材固定 / PIPE FIXED

1

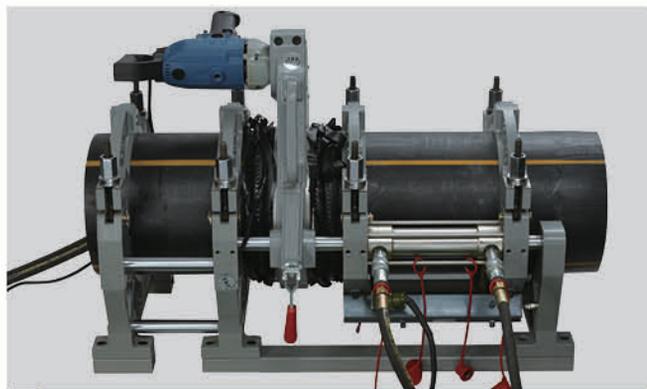
- 把管材固定在机架上，中间留出 5-8 厘米的距离。
The carriage jaws are clamped around the pipe.



管端加热 / HEAT PIPE

3

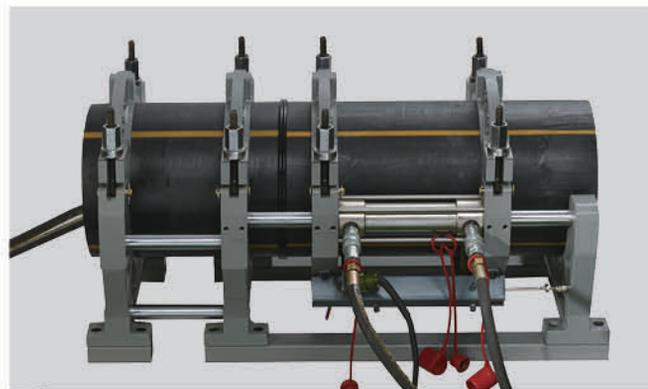
- 加热板待恒温后放入机架对管材端面进行加热，并根据管径及环境温度来调整加热时间及压力。
The heater is placed into machine, Both pipe ends are brought together against the heater.



铣削 / MILLING

2

- 将铣刀放入机架适当调整切削压力对管材端面进行切削，待形成连续切削后缓慢减小切削压力，并撤出铣刀，以保证管材端面光滑平整。
The pipe ends are faced flat parallel to each other to give a good mating for fusion.



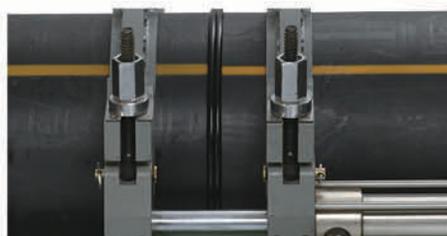
对接 / DOCKING

4

- 管端加热后迅速将加热板移开，然后立即将管材对接，并根据管径的不同进行对接压力调整。
The pipe soaks against the heater and begins to melt, Both ends are brought together and beg in to bond immediately.



焊前 / Before welding



焊后 / After welding

完成 / COMPLETE

5

- 当焊口温度降至与环境一致时，将管材自焊接机上移开，完成的接口强度可达到甚至超过管材本身的强度
The pipe is held at pressure until cool leaving a joint stronger than the pipe.