

Air Cooled clamp coil (half-open coil) for preheating gas pipeline

United Induction Heating Machine Limited

We are experienced in Induction Heating, induction heating machine, Induction Heating equipment. They are widely used in induction heating service, induction heat treatment, induction brazing, induction hardening, induction welding, induction forging, induction quenching, induction soldering, induction melting and induction surface treatment applications
<http://www.uihm.com>

Air Cooled clamp coil (half-open coil) for preheating gas pipeline by air cooled induction heater UM-DSP80AB-HF

Main type of DSP Air Cooled Induction Heating Machines:

Type

Output Power

Input Current

Output Frequency

Input Voltage

UM-DSP20AB-HF/UM-DSP20A-HF

20KVA

43A

30KHz~100KHz

380VAC/3 Phase

UM-DSP30AB-HF/UM-DSP30A-HF

30KVA

51A

30KHz~100KHz

380VAC/3 Phase

UM-DSP40AB-HF/UM-DSP40A-HF

40KVA

68A

30KHz~100KHz

380VAC/3 Phase

UM-DSP60AB-HF/UM-DSP60A-HF

60KVA

101A

30KHz~100KHz

380VAC/3 Phase

UM-DSP80AB-HF/UM-DSP80A-HF

80KVA

135A

30KHz~100KHz

380VAC/3 Phase

UM-DSP100AB-HF/UM-DSP100A-HF

100KVA

164A

30KHz~100KHz

380VAC/3 Phase

UM-DSP120AB-HF/UM-DSP120A-HF

120KVA

203A

30KHz~100KHz

380VAC/3 Phase

UM-DSP160AB-HF/UM-DSP160A-HF

160KVA

270A

30KHz~100KHz

380VAC/3 Phase

UM-DSP240AB-HF/UM-DSP240A-HF

240KVA

406A

30KHz~100KHz

380VAC/3 Phase

UM-DSP320AB-HF/UM-DSP320A-HF

320KVA

540A

30KHz~100KHz

380VAC/3 Phase

UM-DSP20AB-MF/UM-DSP20A-MF

20KVA

43A

1KHz~20KHz

380VAC/3 Phase

UM-DSP30AB-MF/UM-DSP30A-MF

30KVA

51A

1KHz~20KHz

380VAC/3 Phase

UM-DSP40AB-MF/UM-DSP40A-MF

40KVA

68A

1KHz~20KHz

380VAC/3 Phase

UM-DSP60AB-MF/UM-DSP60A-MF

60KVA

101A

1KHz~20KHz

380VAC/3 Phase

UM-DSP80AB-MF/UM-DSP80A-MF

80KVA

135A

1KHz~20KHz

380VAC/3 Phase

UM-DSP100AB-MF/UM-DSP100A-MF

100KVA

164A

1KHz~20KHz

380VAC/3 Phase

UM-DSP120AB-MF/UM-DSP120A-MF

120KVA

203A

1KHz~20KHz

380VAC/3 Phase

UM-DSP160AB-MF/UM-DSP160A-MF

160KVA

270A

1KHz~20KHz

380VAC/3 Phase

UM-DSP240AB-MF/UM-DSP240A-MF

240KVA

406A

1KHz~20KHz

380VAC/3 Phase

UM-DSP320AB-MF/UM-DSP320A-MF

320KVA

540A

1KHz~20KHz

380VAC/3 Phase

Main Parameters of DSP Air Cooled Induction Heating Machines:

Item

Description

Remark

Output Power

20KW ~ 320KW

Output Frequency

1KHz~20KHz

Medium Frequency

30KHz~100KHz

High Frequency

Output Power Scope

1~100%

Closed-Loop Control Stability

0.5%

Efficiency

$\geq 95\%$

including isolation transformer

Power Factor

≥ 0.90

Over Load Ability

1.1 times of 1 minute

IP level

IP20

Cooling Type

air cooled for main machine and transformer

water cooled or air cooled for induction coil

Environment Temperature

-20~40

0-100% load

40~55

output power derated

Environment Humidity

≤95%

non condensing

Altitude

≤1500 meter

output power derated when higher than 1500m

air cooled induction heating machine UM-DSP80AB-HF

air cooled induction coil with UM-DSP80AB-HF induction heater

air cooled induction heating machines

big pipeline by air cooled UM-DSP80AB-HF

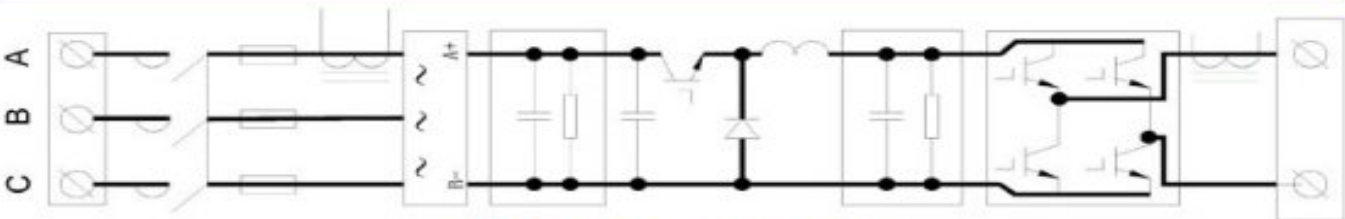
Applications of UM DSP Air Cooled induction heating machines





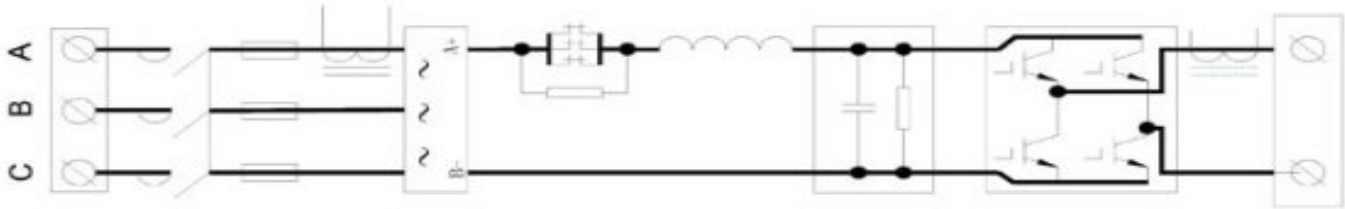


Main Circuit of UM DSP Air Cooled High Frequency Series Induction Heating Machine



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Main Circuit of UM DSP Air Cooled Medium Frequency Series Induction Heating Machine









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