



INVICTAS
ENGINEERING (UK) LTD

Hubert **HAAS**

Dehairing & Singering Machines



Catalouge 2025

Made in Germany

Where quality & performance meet!



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INVICTAS
ENGINEERING (UK) LTD

Dehairing and singeing machines, scalding tank

Dehairing and singeing machine Type David 200



- Processing capacity approx. 40-50 pigs/hour
- Max. pig weight approx. 270 kg
- Machine exterior in stainless steel or hot-dip galvanised design
- Built-in control cabinet
- Roller fitted with 36 special beaters
- Dehairing time and machine filling individually adjustable

Flame bridge

- For total dehairing leaving nothing behind
- Flame bridge made of stainless steel mounted on DAVID
- Control unit in central control cabinet
- Choice of propane or natural gas
- Compressed-air operated
- Includes 8 stainless steel burners
- TÜV approved

Scalding tank (type Turn-O-Matic)

- Tank made of galvanised or stainless steel
- For 2.5 or 3 pigs/under water
- Heating: 40-50 kW electric heater or option of steam heating by direct injection via special jet or using heat exchanger
- Automatically controlled scalding temperature
- Scalding temperature: approx. 62°C
- Circulation pump for better scalding



Technical Data David 200

Dimensions
2.500 x 1.200 x 2.500 mm
(L x W x H)

Weight
approx. 1.200 kg

Drive motor
5,5 kW

Power supply
3 x 380 – 400 V AC

Water connection
1"

Air
approx. 6 bar

Technical Data Scalding tank (type Turn-O-Matic)

Dimensions
2.500 x 1.530 x 2.000 mm
(L x W x H)

Weight
approx. 1.400 kg

Drive motor
1,1 kW

Power supply
3 x 380 – 400 V AC

Circulation pump
1,1 kW

Water inlet
1 1/2"

Water capacity
approx. 1.200 litres



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Dehairing and singeing machine Type Goliath 180 - 250

The Goliath dehairing machine is suitable for dehairing pigs and sows at a rate of 50 to 120 pigs/hour. This heavy-duty, single-chamber system with shaving roller is also suitable for dehairing sows and boars weighing up to 400.

- Slaughtering capacity:
approx. 50 – 120 pigs/hour
- Max. pig weight: approx. 400 kg
- Machine exterior in hot-dip galvanised design
- Built-in control cabinet
- Roller fitted with special scraper paddles with metal shavers
- Dehairing time and machine filling
- Individually adjustable
- Machine frame hot-dip galvanised
- Doors and central cabinet made of stainless steel

Technical Data Goliath

Typ	180	200	220	250	280
Weight per animal in kg	250	270	350	380	400
Capacity	80	80	80	120	160
Working width	1800	2000	2200	2500	2800
Overall width	2350	2650	2950	3250	3550
Length	1450	1450	1500	1500	1500
Height	2150	2250	2250	2250	2250
Weight in KG	1800	2100	2600	3000	3400
Connected load, kW	7,5	7,5	7,5	11	15
Water connection "	1"	1"	1"	1"	1"
Compressed air 6 bar	1/4"	1/4"	1/4"	1/4"	1/4"
Operating voltage	3x380 -400V AC				

Flame bridge

- For total dehairing leaving nothing behind
- Flame bridge made of stainless steel mounted on Goliath
- Control unit in central control cabinet
- Choice of propane or natural gas
- Compressed-air operated
- 9-12 adjustable stainless steel burners (depending on machine width)
- TÜV certified



Special scraper paddles
with metal shavers for more
effective dehairing



Type Goliath 180 - 280



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Turn-O-Matic scalding tank

Used in combination with a Goliath dehairing and singeing system

- For 2.5 to 10 pigs/under water
- Heating: 40-50 kW electric heater or option of steam heating by direct injection via special jet or using
- heat exchanger
- Automatically controlled scalding temperature
- Scalding temperature between 59 – 62 °C
- Circulation pump



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