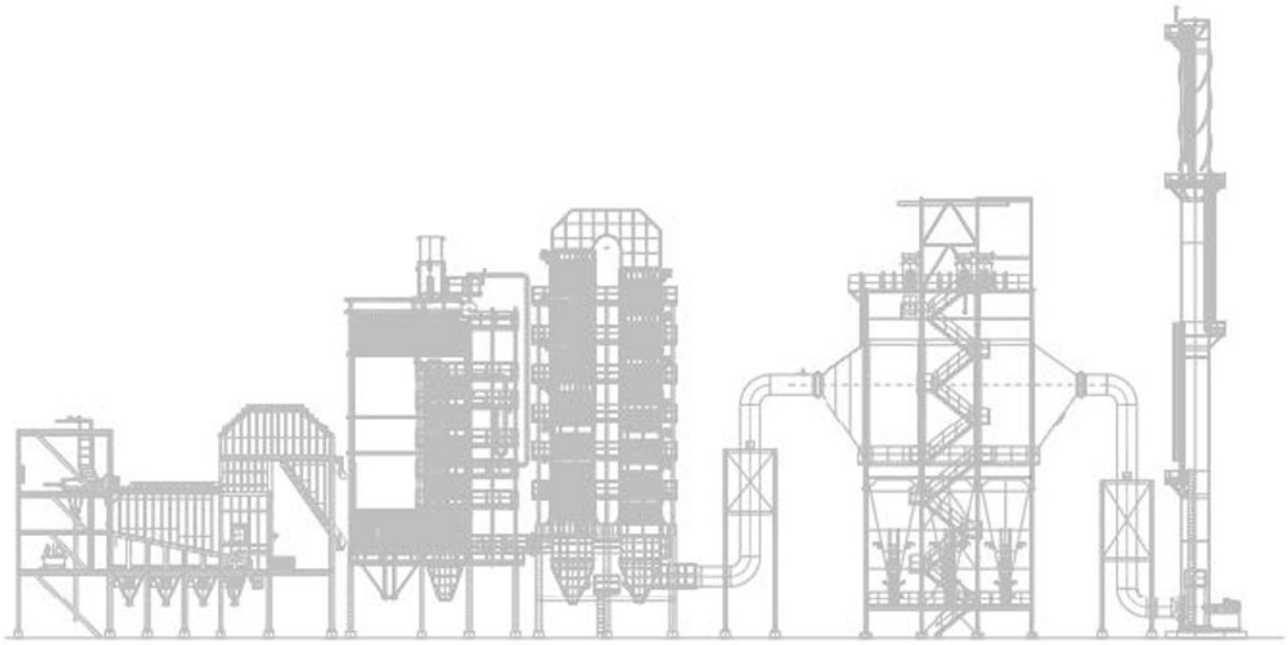
Nov 2026

LAWI ENGINEERING

List of References

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For any further information and support,
please feel welcome to contact us directly:
sales@de.lawipower.com

Renewable Power Plant Technology

23 MWth Industrial Waste Power Plant, Busan I South Korea - LAWI EtaComb® 300

Scheduled to be commissioned in: August 2027

Design Fuel: Industrial Solid Waste

Location: Busan I South Korea

Technical Project Data:

Firing Capacity: 23 MWth

BMCR: 30 tph

Steam Parameter: 40 bar(a) | 350°C

Plant Type: Power Generation

LAWI Scope of Work:

- **Detail Design & Engineering:**
  - *LAWI EtaPlant*® WtE Boiler Island
- **EP Supply:**
  - *LAWI EtaComb*® 300 WtE
  - Combustion System (w/ water cooled moving grate & Flue Gas Recirculation)
  - Steam Boiler Components
  - *LAWI EtaLogic*® Automatic Combustion Control System (ACC)

45.8 MWth Municipal Solid Waste (MSW) Power Plant, Surat Thani I Thailand - LAWI EtaComb® 500

Scheduled to be commissioned in: January 2027

Design Fuel: MSW

Location: Surath Thani I Thailand

Technical Project Data:

Firing Capacity: 45.8 MWth

BMCR: 55 tph

Steam Parameter: 42 bar(a) | 415°C

Plant Type: Power Generation

LAWI Scope of Work:

- **Detail Design & Engineering:**
  - *LAWI EtaPlant*® WtE Boiler Island
  - Owner's Technical Consultant
- **EPC Supply:**
  - *LAWI EtaComb*® 500 MSW Combustion System
  - *LAWI EtaLogic*® Process Optimization System

27.5 MWth ISW/SRF Power Plant, Busan | South Korea - LAWI EtaComb® 300

Commissionend since: July 2025
Design Fuel: Industrial Waste, SRF
Location: Busan | South Korea

Technical Project Data:
Firing Capacity: 27.5 MWth
BMCR: 37.5 tph
Steam Parameter: 40 bar(a) | 300°C
Plant Type: Power Generation

LAWI Scope of Work:

- **Detail Design & Engineering:**
  - *LAWI EtaPlant®* WtE Boiler Island
- **EP Supply:**
  - *LAWI EtaComb®* 300 WtE
  - Combustion System Components
  - Water-Cooled Moving Grate
  - Fuel Dosing System

16.6 MWth SRF Power Plant, Yeoncheon | South Korea - LAWI EtaComb® 200

Commissionend since: June 2022
Design Fuel: Industrial Waste, SRF
Location: Yeoncheon | South Korea

Technical Project Data:
Firing Capacity: 16.6 MWth
BMCR: 20 tph
Steam Parameter: 19 bar(a) | 211°C
Plant Type: Heat Generation
Plant Capacity: 12.3 MWth

LAWI Scope of Work:

- **Detail Design & Engineering:**
  ***LAWI EtaPlant® WtE* Boiler Island**
- **EP Supply:**
  - *LAWI EtaComb®* 200 WtE Combustion System
  - Water-Cooled Moving Grate
  - *LAWI EtaLogic®* Control & Optimization System (PLC)

9.9 MWel CHP Rice Husk Power Plant, Kamphaeng Phet | Thailand - LAWI EtaPlant®

Commissionend since: April 2022
Design Fuel: Rice Husk, Wood Chip
Location: Kamphaeng Phet | Thailand

Technical Project Data:
Firing Capacity: 75.5 MWth
BMCR: 85 tph
Steam Parameter: 66 bar(a) | 480°C
Plant Type: Heat & Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **EP Supply: *LAWI EtaPlant*® Boiler Island**:
  - *LAWI EtaComb*® 800 Combustion System
  - 4-Lane Fuel Dosing System
  - Moving Grates
  - Steam Boiler & Feed Water System
  - Ash Handling & Ash Storage System
  - *LAWI EtaLogic*® Control & Optimization System

9.9 MWel Wood Chip Power Plant, Yala II | Thailand - LAWI EtaComb® Combustion Equipment

Commissionend since: January 2021
Design Fuel: Wood Chip
Location: Yala | Thailand

Technical Project Data:
Firing Capacity: 40 MWth
BMCR: 45 tph
Steam Parameter: 90 bar(a) | 515°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **EP Supply:**
  - Moving Grate
  - Fuel Dosing System
  - Hydraulic System & Combustion Instruments

9.9 MWel Biomass Power Plant, Yala I | Thailand - LAWI EtaComb® Combustion Equipment

Commissionend since: December 2020
Design Fuel: Wood Chip
Location: Yala | Thailand

Technical Project Data:
Firing Capacity: 40 MWth
BMCR: 45 tph
Steam Parameter: 90 bar(a) | 515°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **EP Supply:**
  - Moving Grate
  - Fuel Dosing System
  - Hydraulic System & Combustion Instruments

28 MWel Multi Fuel Biomass Power Plant, Suphan Buri | Thailand - LAWI EtaComb® 1000

Commissionend since: April 2020
Design Fuel: Rice Husk, Wood Chip, Bagasse, Wood Bark
Location: Suphan Buri | Thailand

Technical Project Data:
Firing Capacity: 93.7 MWth
BMCR: 115 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 28 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **Owner's Consultant (Tech.)**
- **EP Supply: *LAWI EtaComb*® 1000 Combustion System**
  - Boxer Type 6 Lane adiabatic Multi-Fuel Combustion with Post-Combustion
  - 2x 3-Lane Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - *LAWI EtaLogic*® Control & Optimization System

7 MWel RDF Power Plant, Ayutthaya | Thailand - LAWI EtaPlant®

Commissionend since: October 2019
Design Fuel: RDF from Industrial Waste
Location: Ayutthaya | Thailand

Technical Project Data:
Firing Capacity: 30 MWth
BMCR: 35 tph
Steam Parameter: 53 bar(a) | 450°C
Plant Type: Power Generation
Plant Capacity: 7 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaPlant® WtE* Boiler Island**:
  - *LAWI EtaComb®* 300 Combustion System
  - Water Cooled Moving Grate
  - Steam Boiler & Feed Water System
  - Ash Handling & Ash Storage System
  - *LAWI EtaLogic®* Control & Optimization System

9.9 MWel Multi Fuel Power Plant, Nakhon Ratchasima | Thailand - LAWI EtaComb® 400

Commissionend since: June 2019
Design Fuel: Eucalyptus Bark, Wood Chip (Supplemental: Bagasse, Cassava, EFB)
Location: Nakhon Ratchasima | Thailand

Technical Project Data:
Firing Capacity: 37 MWth
BMCR: 43 tph
Steam Parameter: 69 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Adiabatic Multi-Fuel Combustion with Post-Combustion
  - 3-Lane Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

8 MWel Biomass & Coal Co-Firing Power Plant, Trincomalee | Sri Lanka - LAWI EtaComb® 350

Commissionend since: October 2017

Design Fuel: Rice Husk, Gliricidia, Coal

Location: Trincomalee | Sri Lanka

Technical Project Data:

Firing Capacity: 32 MWth

BMCR: 36 tph

Steam Parameter: 65.7 bar(a) | 485°C

Plant Type: Power Generation

Plant Capacity: 8 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **Owner's Consultant (Tech.)**
- **EP Supply: *LAWI EtaComb®* 350 Combustion System**
  - adiabatic Multi-Fuel Combustion with Post-Combustion
  - Air System with Recirculation Gas
  - Fuel Conveying System
  - Ash Handling System

9.5 MWel Multi-Fuel Biomass Power Plant, Songhkla | Thailand - LAWI EtaPlant®

Commissionend since: August 2017

Design Fuel: Para Wood, Para Root

Location: Songkhla | Thailand

Technical Project Data:

Firing Capacity: 40 MWth

BMCR: 45 tph

Steam Parameter: 68 bar(a) | 485°C

Plant Type: Power Generation

Plant Capacity: 9.5 MWel

LAWI Scope of Work:

- **Overall Power Plant EPC - *LAWI EtaPlant® Turn-Key***
- **EPC Supply of complete Power Plant**:
  - Buildings & Civil Works
  - Fuel Handling System; Ash Handling & Storage System
  - *LAWI EtaComb®* 400 Combustion System
  - Flue Gas Treatment System (ESP)
  - Turbine and Generator System
  - DCS & *LAWI EtaLogic®* Optimization System

12 MWel Gliricidia Power Plant, Viti Levu | Fiji - LAWI EtaPlant®

Commissionend since: August 2017

Design Fuel: Gliricidia

Location: Nabou of Viti Levu | Fiji

Technical Project Data:

Firing Capacity: 51.2 MWth

BMCR: 57 tph

Steam Parameter: 36.3 bar(a) | 440 °C

Plant Type: Power Generation

Plant Capacity: 12 MWel

LAWI Scope of Work:

- **EP Supply: *LAWI EtaPlant*® Boiler Island**:
  - *LAWI EtaComb*® 500 Combustion System
  - Steam Boiler & Feed Water System
  - Flue Gas Treatment System
  - Fuel Handling System
  - Ash Handling System
  - DCS & *LAWI EtaLogic*® Optimization System

9.4 MWel RDF Power Plant, Saraburi | Thailand - LAWI EtaPlant® WtE Boiler Island

Commissionend since: June 2017

Design Fuel: RDF from MSW, Industrial Waste and Landfill Waste

Location: Saraburi | Thailand

Technical Project Data:

Firing Capacity: 43 MWth

BMCR: 50 tph

Steam Parameter: 53 bar(a) | 450°C

Plant Type: Power Generation

Plant Capacity: 9.4 MWel

LAWI Scope of Work:

- **EPC Supply: *LAWI EtaPlant® WtE* Boiler Island**:
  - *LAWI EtaComb*® 450 Combustion System incl. Water Cooled Moving Grates
  - Steam Boiler & Feed Water System
  - Air System & Stack
  - Ash Handling & Ash Storage System

11 MWel Multi-Fuel Biomass Power Plant, Kamphaeng Phet | Thailand - LAWI EtaComb® 400

Commissionend since: May 2017

Design Fuel: Rice Husk, Eucalyptus Bark, Wood Chip
Location: Kamphaeng Phet | Thailand

Technical Project Data:

Firing Capacity: 40.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 490°C
Plant Type: Power Generation
Plant Capacity: 11 MWel

LAWI Scope of Work:

- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Adiabatic Multi-Fuel Combustion with Post-Combustion
  - 3-Lane Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

9.9 MWel EFB Power Plant, Nakhon Si Thammarat | Thailand - LAWI EtaComb® 400

Commissionend since: October 2016

Design Fuel: Para Wood, EFB, Palm Frond
Location: Nakhon Si Thammarat | Thailand

Technical Project Data:

Firing Capacity: 41 MWth
BMCR: 45 tph
Steam Parameter: 67 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **EP Supply: *LAWI EtaComb®* 400 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Combustion Instruments

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WINNER OF ASEAN ENEGRY AWARD 2019

9.9 MWel Biomass Power Plant, Nakhon Sawan | Thailand - LAWI EtaComb® 600 - WINNER OF THAILAND ENERGY AWARD 2018

Commissionend since: September 2015
Design Fuel: Rice Husk, Wood Chip
Location: Nakhon Sawan | Thailand

Technical Project Data:
Firing Capacity: 60 MWth
BMCR: 65 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EP Supply: *LAWI EtaComb®* 600 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

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9.9 MWel Biomass Power Plant, Buriram | Thailand - LAWI EtaComb® 450

Commissionend since: June 2015
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Buriram | Thailand

Technical Project Data:
Firing Capacity: 41 MWth
BMCR: 45 tph
Steam Parameter: 67 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **Owner's Consultant (Tech.)**
- **EPC Supply: *LAWI EtaComb®* 450 Combustion System**
  - Adiabatic Combustion with Post-Combustion Chamber
  - Moving Grate
  - Fuel Dosing System
  - Air System with Recirculation Gas
  - DCS Control System (Programming)
  - Steam Boiler & Feed Water System (Installation & Commissioning)

9.9 MWel High Moisture Biomass Power Plant, Sirindhorn | Thailand - LAWI EtaComb® 400

Commissionend since: May 2015
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Sirindhorn, Ubon Ratchathani | Thailand

Technical Project Data:
Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

9.9 MWel Multi-Fuel Power Plant, Phichit | Thailand - LAWI EtaComb® 400 - WINNER OF THAILAND ENERGY AWARD 2018

Commissionend since: April 2015
Design Fuel: Rice Husk, Eucalyptus Bark
Location: Phichit | Thailand

Technical Project Data:
Firing Capacity: 40.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Fuel Conveying System

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9.9 MWel Eucalyptus Bark Power Plant, Thoen | Thailand - LAWI EtaComb® 400

Commissionend since: July 2014
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Thoen, Lampang | Thailand

Technical Project Data:
Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

6 MWel Gliricidia Power Plant, Mahiyangana | Sri Lanka - LAWI EtaComb® 300

Commissionend since: June 2014
Design Fuel: Gliricidia
Location: Mahiyangana | Sri Lanka

Technical Project Data:
Firing Capacity: 27.5 MWth
BMCR: 31.5 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 6 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **Owner's Consultant (Tech.)**
- **EP Supply: *LAWI EtaComb®* 300 Combustion System**
  - adiabatic Multi-Fuel Combustion with Post-Combustion
  - Air System with Recirculation Gas
  - Fuel Conveying System
  - Ash Handling System

9.9 MWel Multi Fuel Power Plant, Si Chiang Mai | Thailand - LAWI EtaComb® 400

Commissionend since: December 2013
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Si Chiang Mai, Nong Khai | Thailand

Technical Project Data:
Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System:**
  - Multi-Fuel High Moisture 3-Lane adiabatic Combustion Chamber with two-stage Air-Preheating
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

9.9 MWel Eucalyptus Bark Power Plant, Buriram | Thailand - LAWI EtaComb® 450

Commissionend since: November 2013
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Buriram | Thailand

Technical Project Data:
Firing Capacity: 41 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Adiabatic Combustion with Post-Combustion Chamber
  - Moving Grate
  - Fuel Dosing System
  - Air System with Recirculation Gas

9.9 MWel Wood Chip Power Plant, Kalasin | Thailand - LAWI EtaComb® 400

Commissionend since: November 2013
Design Fuel: Wood Chip, Rice Husk
Location: Kalasin | Thailand

Technical Project Data:
Firing Capacity: 40.5 MWth
BMCR: 45 tph
Steam Parameter: 67 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Combustion System Revamping of existing Power Plant for Efficiency Increase**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System:**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Integration of *LAWI EtaComb®* in existing Waste Heat Boiler

9.9 MWel Biomass Power Plant, Phon Thong | Thailand - LAWI EtaComb® 400

Commissionend since: June 2013
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Phon Thong, Roi Et | Thailand

Technical Project Data:
Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Multi-Fuel High Moisture 3-Lane adiabatic Combustion Chamber with two-stage Air-Preheating
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

20 MWel Multi Fuel Power Plant, Khon Kaen | Thailand - LAWI EtaComb® 400

Commissionend since: April 2013
Design Fuel: Wood Chip, Rice Husk
Location: Khon Kaen | Thailand

Technical Project Data:
Firing Capacity: 2x 40 MWth
BMCR: 88 tph
Steam Parameter: 67 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 2x 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering and Consultancy**
- **EP Supply: *LAWI EtaComb®* 400 Combustion System**
  - Twin Type 2x 3-Lane adiabatic Multi-Fuel Combustion with Post-Combustion
  - 2x 3-Lane Fuel Dosing System
  - Air System with Recirculation Gas
  - *LAWI EtaLogic®* Control & Optimization System

9.9 MWel Para Wood Power Plant, Thung Song | Thailand - LAWI EtaComb® 400 - WINNER OF THAILAND ENERGY AWARD 2018

Commissionend since: March 2013
Design Fuel: Para Wood
Location: Thung Song, Nakhon Si Thammarat | Thailand

Technical Project Data:
Firing Capacity: 40 MWth
BMCR: 45 tph
Steam Parameter: 67 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **EP Supply: *LAWI EtaComb®* 400 Combustion System**
  - Adiabatic Combustion with Post-Combustion
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - DCS Control System (Programming)

WINNER OF THAILAND ENERGY AWARD 2018

9.9 MWel Eucalyptus Bark Power Plant, Chok Chai | Thailand - LAWI EtaComb® 400

Commissionend since: January 2013

Design Fuel: Eucalyptus Bark, Wood Chip
Location: Chok Chai | Thailand

Technical Project Data:

Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 400 Combustion System**
  - Multi-Fuel High Moisture 3-Lane adiabatic Combustion Chamber with two-stage Air-Preheating
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

7.5 MWel Eucalyptus Bark Power Plant, Kamphaeng Phet | Thailand - LAWI EtaComb® 300

Commissionend since: December 2012

Design Fuel: Wood Chip, Eucalyptus Bark
Location: Kamphaeng Phet | Thailand

Technical Project Data:

Firing Capacity: 30 MWth
BMCR: 33 tph
Steam Parameter: 66 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 7.5 MWel

LAWI Scope of Work:

- **Overall Power Plant Detail Engineering**
- **EPC Supply (Consortium partner): Complete Power Plant**
  - Buildings & Civil Works
  - Fuel Handling System; Ash Handling & Storage System
  - *LAWI EtaComb®* 400 Combustion System
  - Flue Gas Treatment System (ESP)
  - Turbine and Generator System
  - DCS & *LAWI EtaLogic®* Optimization System

WINNER OF THAILAND ENERGY AWARD 2015

9.9 MWel Biomass Power Plant, Prasat | Thailand - LAWI EtaComb® 400

Commissionend since: October 2012
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Prasat, Surin | Thailand

Technical Project Data:
Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 400 Combustion System**
  - Multi-Fuel High Moisture 3-Lane adiabatic Combustion Chamber with two-stage Air-Preheating
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

17 MWel Multi Fuel Power Plant, Surin | Thailand - LAWI EtaComb® 600

Commissionend since: September 2012
Design Fuel: Eucalyptus Bark, Wood Chip, Rice Husk
Location: Surin | Thailand

Technical Project Data:
Firing Capacity: 60 MWth
BMCR: 67 tph
Steam Parameter: 66 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 17 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **Overall Power Plant Project Management**
- **EPC Supply: *LAWI EtaComb*® 600 Combustion System**
  - Multi fuel adiabatic Combustion Chamber with Post-Combustion
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Combustion & Boiler Instruments

9.9 MWel Biomass Power Plant, Roi Et | Thailand - LAWI EtaComb® 400 - WINNER OF THAILAND ENERGY AWARD 2014

Commissionend since: June 2012
Design Fuel: Eucalyptus Bark, Rice Husk
Location: Roi Et | Thailand

Technical Project Data:
Firing Capacity: 40 MWth
BMCR: 45 tph
Steam Parameter: 66 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 400 Combustion System**
  - Multi-fuel 3-lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

WINNER OF THAILAND ENERGY AWARD 2014

9.9 MWel Biomass Power Plant, Nam Phong | Thailand - LAWI EtaComb® 400

Commissionend since: May 2012
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Nam Phong, Khon Kaen | Thailand

Technical Project Data:
Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 400 Combustion System**
  - Multi-Fuel High Moisture 3-Lane adiabatic Combustion Chamber with two-stage Air-Preheating
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

9.9 MWel Eucalyptus Bark Power Plant, Ban Bueng | Thailand - LAWI EtaComb® 400

Commissionend since: April 2012
Design Fuel: Eucalyptus Bark, Wood Chip
Location: Ban Bueng, Chonburi | Thailand

Technical Project Data:
Firing Capacity: 39.5 MWth
BMCR: 45 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 400 Combustion System**
  - Multi-Fuel High Moisture 3-Lane adiabatic Combustion Chamber with two-stage Air-Preheating
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

9.9 MWel Multi Fuel Power Plant, Thap Sakae | Thailand - LAWI EtaComb® 400

Commissionend since: October 2011
Design Fuel: Wood Chip, Coconut fiber, Palm Stalk
Location: Thap Sakae, Prachuap Khiri Khan | Thailand

Technical Project Data:
Firing Capacity: 40 MWth
BMCR: 45 tph
Steam Parameter: 42 bar(a) | 450°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **EPC Supply: *LAWI EtaComb*® 400 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Fuel Conveying + Deashing System

9.9 MW Rice Husk Power Plant, Nakhon Ratchasima | Thailand - LAWI EtaComb® 400

Commissionend since: May 2011
Design Fuel: Rice Husk
Location: Nakhon Ratchasima | Thailand

Technical Project Data:
Firing Capacity: 40 MWth
BMCR: 45 tph
Steam Parameter: 67 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 400 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas

9.9 MWel Bagasse CHP Power Plant, Utai Thani | Thailand - LAWI EtaComb® 600

Commissionend since: February 2011
Design Fuel: Bagasse
Location: Utai Thani | Thailand

Technical Project Data:
Firing Capacity: 55 MWth
BMCR: 60 tph
Steam Parameter: 68 bar(a) | 485°C
Plant Type: Heat & Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 600 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Boiler & Combustion Control Programming

9.5 MWel Biomass Power Plant, Chumporn | Thailand - LAWI EtaComb® 500

Commissionend since: April 2009
Design Fuel: Palm Leaves, EFB
Location: Chumporn | Thailand

Technical Project Data:
Firing Capacity: 48.4 MWth
BMCR: 50 tph
Steam Parameter: 42 bar(a) | 410°C
Plant Type: Power Generation
Plant Capacity: 9.5 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb®* 500 Combustion System**
  - Multi-Fuel 3-Lane adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Control System

7.5 MWel Rice Husk Power Plant, Chon Buri | Thailand - LAWI EtaComb® 300

Commissionend since: March 2009
Design Fuel: Rice Husk
Location: Chon Buri, Thailand

Technical Project Data:
Firing Capacity: 32.5 MWth
BMCR: 35 tph
Steam Parameter: 69 bar(a) | 490°C
Plant Type: Power Generation
Plant Capacity: 7.5 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb® 300* Combustion System**
  - adiabatic Combustion Chamber
  - Fuel Dosing System
  - Moving Grate
  - Air System with Recirculation Gas
  - Combustion Instruments
  - Bottom Ash Handling System
  - PLC Control System for Steam Boiler

9.5 MWel Biomass Power Plant, Buriram | Thailand - LAWI EtaComb® 500

Commissionend since: October 2008

Design Fuel: Rice Husk, Woodchip
Location: Buriram | Thailand

Technical Project Data:

Firing Capacity: 50 MWth
BMCR: 55 tph
Steam Parameter: 66 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.5 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 500 Combustion System**
  - Moving Grate
  - Fuel Dosing System
  - Fuel & Ash Handling System
  - DCS Control System

10 MWel Multi Fuel Biomass Power Plant, Trincomalee | Sri Lanka - LAWI EtaComb® 500

Commissionend since: August 2008

Design Fuel: Rice Husk, Wood Chip, Coconut Shell, Municipal Green Waste
Location: Trincomalee | Sri Lanka

Technical Project Data:

Firing Capacity: 47 MWth
BMCR: 50 tph
Steam Parameter: 55 bar(a) | 455°C
Plant Type: Power Generation
Plant Capacity: 10 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EP Supply: *LAWI EtaComb*® 500 Combustion System**
  - adiabatic Multi-Fuel Combustion with Post-Combustion
  - Air System with Recirculation Gas
  - Fuel Conveying System
  - Ash Handling System

9.9 MWel Biomass Power Plant, Ubon Ratchathani | Thailand - LAWI EtaComb® 500

Commissionend since: June 2008
Design Fuel: Rice Husk, Corn Cob
Location: Ubon Ratchathani | Thailand

Technical Project Data:
Firing Capacity: 50 MWth
BMCR: 55 tph
Steam Parameter: 66 bar(a) | 485°C
Plant Type: Power Generation
Plant Capacity: 9.9 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 500 Combustion System**
  - Moving Grate
  - Fuel Dosing System
  - PLC Control System for Steam Boiler

7.3 MWel Rice Husk Power Plant, Nakhon Ratchasima | Thailand - LAWI EtaComb® 300

Commissionend since: October 2007
Design Fuel: Rice Husk
Location: Nakhon Ratchasima | Thailand

Technical Project Data:
Firing Capacity: 30 MWth
BMCR: 35 tph
Steam Parameter: 40 bar(a) | 450°C
Plant Type: Power Generation
Plant Capacity: 7.3 MWel

LAWI Scope of Work:

- **Overall Power Plant Basic Engineering**
- **EPC Supply: *LAWI EtaComb*® 300 Combustion System**

22 MW Biomass Power Plant, Midland | USA

Commissionend since: January 2004
Design Fuel: Waste Wood Chip, Wood Dust
Location: Midland | USA

LAWI Scope of Work:
Overall Power Plant Basic Engineering
Engineering of Moving Grate Furnace 27m² with Thermal Oil Heater

12 MW Biomass Power Plant, Samut Sakhon | Thailand

Commissionend since: December 2003
Design Fuel: Waste Wood Chip, Wood Dust
Location: Samut Sakhon | Thailand

LAWI Scope of Work:
Engineering of Moving Grate Furnace 16m² with Thermal Oil Heater

11 MWth Waste Wood Chip Power Plant, Phang Nga | Thailand

Commissionend since: April 2003
Design Fuel: Waste Wood Chip
Location: Phang Nga | Thailand

LAWI Scope of Work:
Engineering of Moving Grate Furnace 27m² with Thermal Oil Heater 280°C

6.4 MW Biomass CHP Power Plant, Pavia | Italy - LAWI EtaComb® 400

Commissionend since: June 2002
Design Fuel: Rice Husk, Waste Wood Chip, Wood Dust, Agriculture Waste
Location: Pavia | Italy

Technical Project Data:
Firing Capacity: 37 MWth
BMCR: 40.5 tph
Steam Parameter: 62 bar(a) | 450°C
Plant Type: Heat & Power Generation
Plant Capacity: 6.4 MWel

LAWI Scope of Work:

- EP Supply of *LAWI EtaComb®* Moving Grate Furnace for 40 tph Steam Boiler Cogeneration Plant

6 MW Biomass Power Plant, Beyoglu | Turkey

Commissionend since: September 2001
Design Fuel: Naphta Exhaust Gas from Gas Turbine
Location: Beyoglu | Turkey

LAWI Scope of Work:

- Heat Recovery System with Thermal Oil Heater

4.2 MW Biomass Power Plant, Eldoret | Kenia

Commissionend since: March 1999
Design Fuel: Waste Wood Chip, Wood Dust
Location: Eldoret | Kenia

LAWI Scope of Work:

- EPC Supply of Moving Grate Furnace 34m² for Steam Power Plant

4.5 MW Biomass Power Plant, Valle Lomellina | Italy

Commissionend since: March 1999
Design Fuel: Rice Husk
Location: Valle Lomellina | Italy

Technical Project Data:
Firing Capacity: 20.8 MWth
BMCR: 21 tph
Steam Parameter: 54 bar(a) | 450°C
Plant Type: Power Generation
Plant Capacity: 4.5 MWel

LAWI Scope of Work:

- EPC Supply of Moving Grate Furnace 29.5 m² for 32 tph Steam Boiler

8 MW Waste Wood Chip Power Plant, Preding | Austria

Commissionend since: February 1999
Design Fuel: Waste Wood Chip
Location: Preding | Austria

LAWI Scope of Work:

- EPC Supply of Thermal Oil Boiler for Wood Panel Industry

3500 + 250 KW Gas Power Plant, Ravensburg | Germany

Commissionend since: December 1998
Design Fuel: Natural Gas, Digester Gas
Location: Ravensburg | Germany

LAWI Scope of Work:

- EPC Supply of Thermal Oil Boiler for Sewage Treatment Plant

2x2 MW Natural Gas Power Plant, Villach | Austria

Commissionend since: April 1998
Design Fuel: Natural Gas
Location: Villach | Austria

LAWI Scope of Work:

- EPC Supply of Thermal Oil Heating Station

2.5 MW Rice Husk Power Plant, Nakhon Ratchasima | Thailand

Commissionend since: June 1996

Design Fuel: Rice Husk

Location: Nakhon Ratchasima | Thailand

Technical Project Data:

Firing Capacity: 17 MWth

BMCR: 18 tph

Steam Parameter: 33 bar(a) | 420°C

Plant Type: Power Plant Co-Generation

LAWI Scope of Work:

- EPC Supply of Moving Grate Furnace with 18 tph Steam Boiler