

Manufactured by: A & S Thai Works Co., Ltd.  
 98/7 Theparak Rd., Km.24, Bangsaothong, Samutprakarn 10540 THAILAND  
 Office: astw@ksc.th.com | Managing Director: sgolten@ksc.th.com |  
 Sales & Marketing: wichaik@ksc.th.com | Service Manger: p\_sarot@ksc.th.com |  
 Website: www.fishmealmachine.com  
 Phone: (662) 313 1540 | Fax: (662) 313 1550 | Managing Director: +66 81 825 7104 |  
 Service Manager: +66 81 810 2483 | Spare parts: +66 89 813 0182

**A & S Thai Works Co., Ltd. (ASTW)**  
 Page URL: <http://www.fishmealmachine.com>

**LFP-C 24 / LFP-C 55 Containerized Fishmeal Plants**

**Fishmeal plant LFP-C 24**



(Photo: Tuan Thanh Pte., Vietnam, July 2006)

**Fishmeal plant LFP-C 55**



(Photo: Kanpa International Sales., Pakistan, June 2005)

**ASTW Containerized fishmeal plants**

**Fishmeal plants LFP-C 24 or LFP-C 55 for lean fish, fish-waste and tuna-waste.**

**24 or 55 tons input per 24 hours = 1,000 or 2,300 kg/h. The plants are mounted on one or two 40 foot container flat racks, it is complete with boiler and tanks, by hook up electricity, fuel and water and just start up.**

Note: For trawler fish contaminated with sand, stone and shell, a heavy-duty driver with extra disc wear- protection (U- caps) can be ordered as an option.

**Technical Data :**

Capacity:	24/55 tons input/ 24 hrs. (Approx. 1.0/2.3 tons/ hr.) Expect some variation depending on type of fish. Actual 55 – 60 tons/24 hrs. ( 2.3- 2.5 tons/ hr.)
Raw material:	Fresh and clean lean fish, fish- waste and tuna- waste with maximum oil content 2.5- 3.0 % which gives maximum oil content in the fishmeal 12-15%.
Process:	LFP = Lean Fish Process, drying without oil extraction. Thereafter cooling, (screening) grinding, cooling again and bagging of the fishmeal.
Approbation: of pressure vessel (drier)	Certified to Bristish Standard BS / PD 5500 cat.2(2000) by Lloyds' Registerd Office, Bangkok.
Warranty: Rotating Disc drier*	3 year from date of start up, includes drier body, gear, beatings and motor ( *south East Asia only, otherwise 1 year warranty)
After sales service:	Technicians and spare parts will be available from our office in Thailand.

# ASTW Containerized fishmeal plants



## Technical Specification : ASTW LFP- C 24

<b>Nominal capacity 24 tons/ 24 hrs. Based on fresh, clean fish.</b>	
Steam consumption at 6 bar	1.0 tons/ hr.
Boiler size (max. 10 bar)	1.2- 1.5 tons/ hr.
Fuel consumption - Heavy oil (75 liters/ ton steam) - Diesel oil (80 liters/ ton steam)	65 liters/ hr.
Electric Load kW. (70%)	35 kW. (47 HP)
Electric installed kW. Note: KVA = kW/ power factor for motor 0.8 (50/0.8 = 63 KVA)	80 kW. (106 HP)
Cooling seawater required for scrubber (inlet temp. max. 30 °C)	45 m <sup>3</sup> / h.
Weight of complete unit including container flat rack	Approx. 22 tons

The plant to be installing on the flatrack container, the plant including steam boiler, air-cooled condenser and commissioning.



## Technical Specification : ASTW LFP- C 55

<b>Nominal capacity 55 tons/ 24 hrs. Based on fresh, clean fish.</b>	
Steam consumption at 6 bar	2.3 tons/ hr.
Boiler size ( max. 10 bar)	2.5- 3.0 tons/hr.
Fuel consumption - Heavy oil (75 liters/ ton steam) - Diesel oil ( 80 liters/ ton steam)	150 liters/ hr.
Electric Load kW. (60%)	67 kW. (92 HP)
Electric installed kW. Note : KVA = kW/ power factor for motor 0.8 ( 95/0.8 = 118 KVA)	95 kW. (130 HP)
Cooling seawater required for scrubber (inlet temp. max. 30 °C)	34 M <sup>3</sup> / hr.
Weight of complete unit including container flat rack.	Approx . 40 tons

The plant to be installing on 2x40 flatrack container, the plant including steam boiler, air-cooled condenser and commissioning.