



**AB&Co**  
**TEKNIK**

## **PDX Sonic dynamisk fødevare processing**

- Den moderne løsning til hurtig omkostningseffektivt fødevare produktion

- Reducer kogetiden op til 15 gange
- 80% hurtigere rengøring



***PDX sonic PM***



***PDX sonic 25***

### **Hvad er PDX Sonic?**

- Prisbelønnet fødevare proces-udstyr der benytter ny PDX reaktor teknologi.
- PDX Sonic opererer allerede succesfuldt i fødevareproduktionen verden over.
- PDX-linierne er opbygget med blandingsanlæg, varmeanlæg og homogenisator og pumpe, og bruges til :
  - Hurtig og nem fremstilling af f.eks. fedtfattig mayonnaise, fedtfattig balsamico- dressing, frokostsalater, chutneys, ris- og pastaretter, bechamel sauce, ketchup, tomatsuppe, chokoladesauce og meget mere.
    - Nem tilføring af stivelse, krydderi, farvestof og andre ingredienser.
    - Opvarme ingredienser og samtidig blande pulver i væsker.

Den drivende effekt i PDX-linierne er såkaldt supersonisk strøm med trykbølger af damp. Der er ingen dele der kan blokere for strømmingen af damp og ingredienser, hvilket gør PDX Sonic systemet nemt at arbejde med og meget korte stilstandstider.

**AB&Co**  
**TEKNIK**

PDX Forhandles af:

Geminivej 33 • 2670 Greve • Tel: 4817 7599 • Fax: 4817 7699 • aj@abco.dk • www.abco.dk



## Technical data



### System

- 25mm clear bore
- Incorporates PDX® Shockwave technology

### Connections

- Fluid inlet: 1½" TRI-Clamp union fittings (BS3825 PT3)
- Fluid outlet: 1½" TRI-Clamp union fittings (BS3825 PT3)
- Steam Inlet: 1" BSPP (female) (BS4504)

### Flows

- Nominal flow 14,000 litres per hour (See Chart)

### Steam Consumption

- Approx. 3.0 kg/min steam flow at a nominal 6.0 bar (gauge) delivery pressure.

### Materials

- All components in contact with processed fluid AISI 316 Stainless Steel
- All other components AISI 303/304 minimum

### Dimensions

- Shipping weight – 1000kg (approx) with standard flanges



The PDX Sonic 25  
3D elevation

### Options

- Skid mount assembly incorporating delivery system, control valves and control system
- SMS, RJT or Flange type inlet and outlet connections.

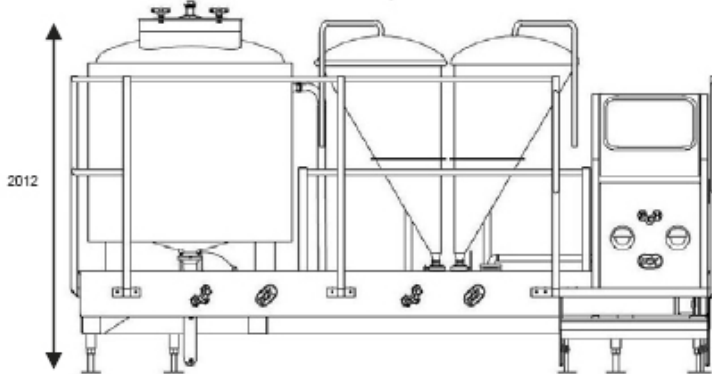
### Energy supply

- Steam supply: 1" BSPP (female coupling), 7 barG (min) @ 3.5 kg/hr (min)
- Air supply: ø8 Quick Release coupling (100 CFM @ 100 Psi)
- Electrical supply: 220V (6A)
  - Some extras may require 3 phase supply
- Water supply: 1" BSPP coupling

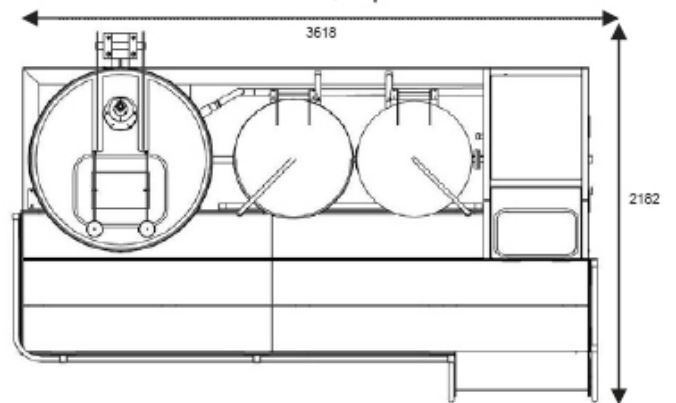
PDX Forhandles af:



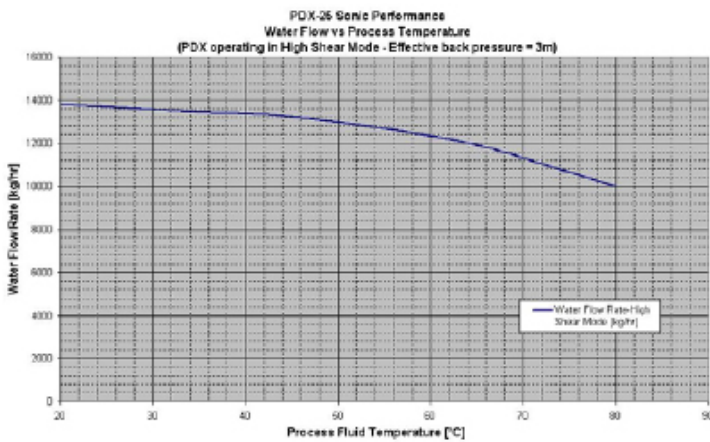
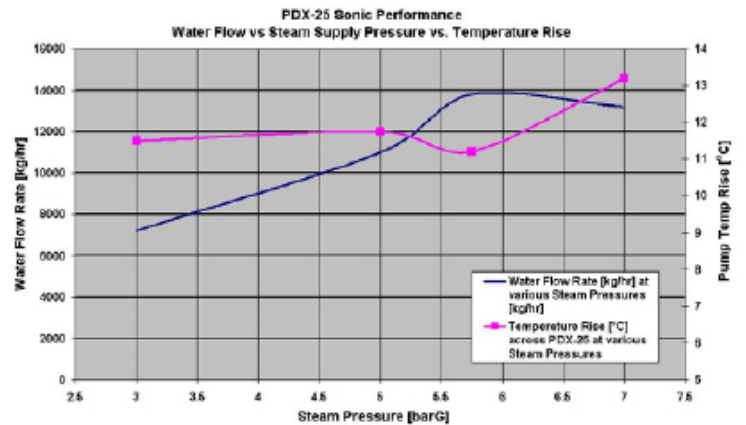
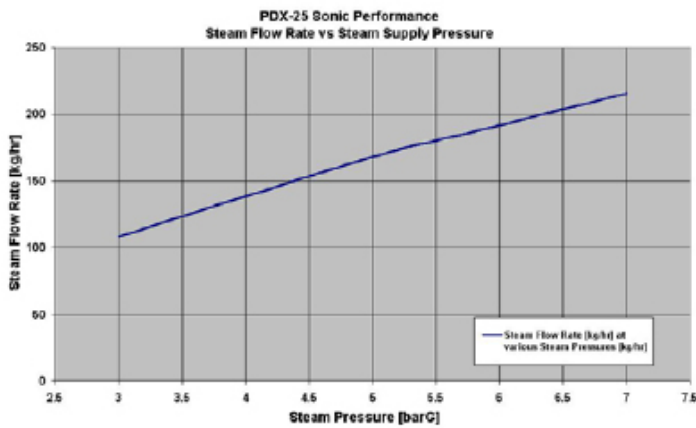
The PDX Sonic 25, side elevation



The PDX Sonic 25, top elevation



**Performance Data**



Hopper temperature start - finish		200 litres	500 litres	1000 litres
15°C to 70°C	Time	5 mins	13 mins	26 mins
	Cost	£0.16	£0.41	£0.82
15°C to 85°C	Time	7 mins	16 mins	33 mins
	Cost	£0.21	£0.52	£1.04

Data based on water

Energy costs are based on 1p/kg of steam

Please visit: [www.pursuitdynamics.com/pdx-tech.php](http://www.pursuitdynamics.com/pdx-tech.php)