



CROWN
MACHINERY

Siphonic Centrifuge Series



Crown Machinery Enterprise Introduction

Crown Machinery Inc. is a modern innovative high-tech centrifuge R&D and manufacture enterprise with four main branches in global work located in USA , South Korea, Philippine and China. Adhering to the concept of quality is the enterprise life, innovation is the driving force for the development, Conform to the trend of the development of modern industry , Fusion concept of global economic integration , Creative thinking , Integrate liquid separation processing industry leading enterprise in the upstream and downstream resources; Gather technical force; Together with the power of the global enterprise for business purposes; Dedicated to supply the clients complete separation solution.

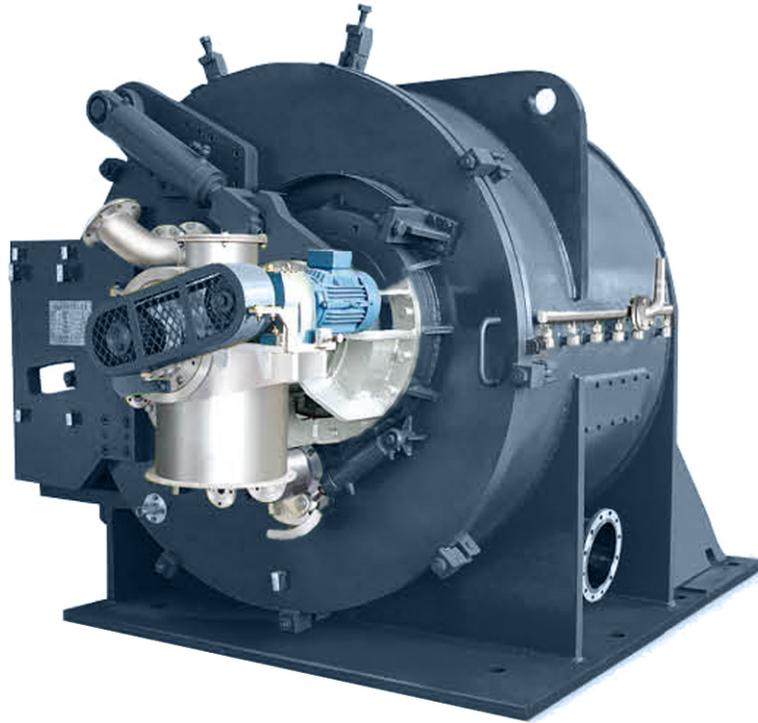
Our company assemble a number of skillful, talented professionals, introduction advanced of international centrifuge technology with 30years experiences of the development and design, through adopting international advanced management method, we have developed very professional separator and centrifuge for edible oil , pharmaceutical , chemical , waste project and various liquid industry. Until now we have accumulated more than 500 clients in global world market and get wide good feedback for our products and service, as our enterprise name"Crown Machinery"described we would like to supply the products like the crown quality and service.

Nowadays, our USA branch mainly forwards the wastewater market; Manila branch mainly prompts the coconut products machinery in Asia-Pacific market; Our Korean branch also named the Hanil Science Medical Co.,Ltd. is focusing on the Bio-tech and Bio-pharmaceutical market; And Liaoyang Crown Machinery Co.,Ltd. in China works as the head-quarter of four branches to serve the machinery selection , sale , technology support and after-service job.

Up to now, we have successfully introduced many clients' final products such as coconut oil into Chinese market to achieve a mutually beneficial win-win situation. We do hope serving the client not only the products but also the wonderful experience to cooperate with us.

Welcome to contact and visit us.





Scraper Centrifuge

Scraper centrifuge is a type of full automatic centrifuge with continuously working and batch operation, which especially used in the occasion of the higher production, lower moisture in residue of the cake and sufficiedt washing. It is widely used in the industry area of the solid-liquid separation of the raw material and intermediate products, such as foodstuff, pharmacy, chemical and so on. For example, the starch, vitamin B, VC natrium, calcium phosphate, saleratus, heavy alkali, polyacrylonitrile and similar materials separation.

The advantages of Siphonic Centrifuge :

- **Large capacity**
- **Low cost**
- **Stable running performance**
- **High separation efficiency**

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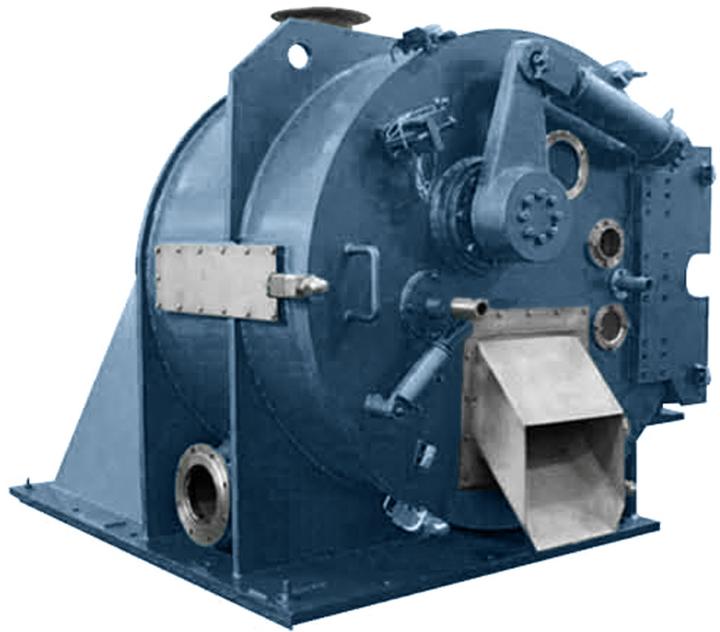
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GX Series Normal Type Scraper Centrifuge

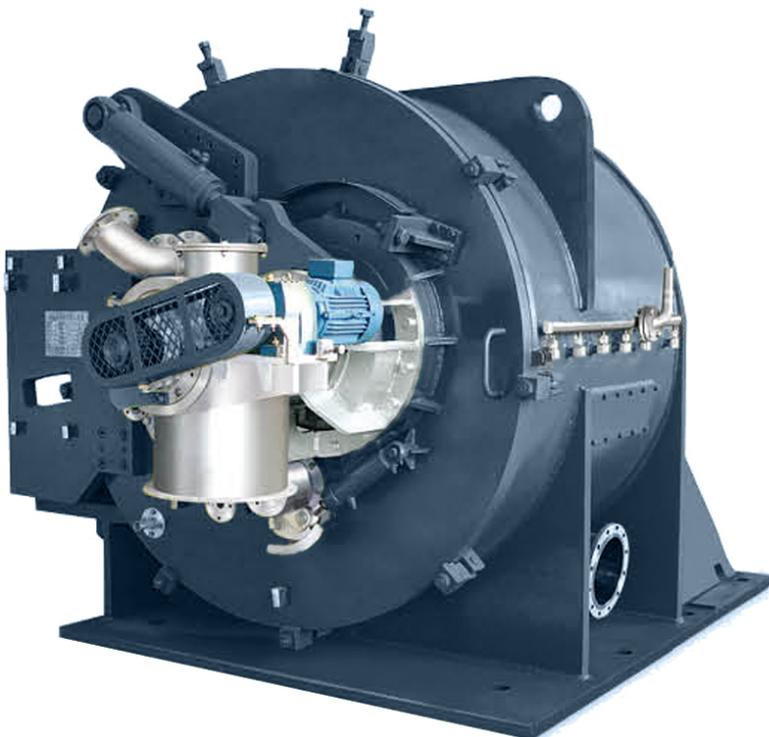
The normal type scraper centrifuge can be switched between automatic and manual operation, so it can realize the periodic cyclic operation of feeding, dehydration, washing and discharging of the feed material.



GX Normal Type

GXH Series Siphonic Type Scraper Centrifuge

GXH Siphonic Type



Compared with common scraper centrifuge, the siphonic scraper centrifuge has siphonic force like vacuum, so it has better production capacity and separation effect. Especially, it is suitable for the feed material which has small solids, high viscosity, slow filtration and that needs to wash the filter cake.





TYPICAL APPLICATIONS

BEVERAGE / BREWING INDUSTRY

- Fruit and vegetable juices
- Wine or Beer dewatering

CHINESE TRADITIONAL MEDICINE

- Raw Material washing
- Effective ingredient extraction

TEXTILE

- Wool degrease
- Textile dewatering

Food

- Starch

CHEMISTRY / BIOTECHNOLOGY

- Production of vitamins
- VC natrium
- Calcium phosphate
- Saleratus
- Heavy alkai
- Polyacrylonitrile
- Pigments
- Solvents
- Algae (food, cosmetics)
- Fermentation broths (industrial biotechnology)

FATS / OILS / BIOFUELS

- Fish oil
- Animal fats
- Olive oil
- Avocado oil
- Palm oil
- Coconut oil

GXH and GX Series Main Parameter

Model \ Parameter	800	1250	1600
Bowl Dia. (mm)	800	1250	1600
Bowl Volume (L)	100	355	830
Max.Loading (kg)	150	450	996
Separation Factor	1070	1006	799
Rotation Speed (r/min)	1550	1200	950
Weight (kgs)	5500	10500	16550
Power (kw)	45	90	132





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