

Langrui Environmental Protection Kitchen & Fruit and Vegetable Waste Treatment Equipment Product Manual

LR-CJ-2200 Multi-functional Kitchen & Fruit and Vegetable Waste Treatment Station



Product Parameters

Item	Parameter	Item	Parameter
Net Dimension	To be confirmed	Drainage Port	DN40 (40mm)
Packaging Dimension	2180*940*2160m m	Oil Purification Rate	≥95%
Rated Voltage	380V	Oil Separation	≥99%

		Rate	
Rated Total Power	To be confirmed	Total Reduction Rate	50%-55%
No-load Weight	To be confirmed	Dry Residue Moisture Content	To be confirmed
Full-load Weight	To be confirmed	Feeding Bucket Capacity	120L/240L
Water Inlet	To be confirmed	Processing Capacity	≥1000KG/H
Cleaning & Heating Water Temperature	To be confirmed		

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Equipped with an automatic material collecting and feeding system.
- Independently developed automatic crushing, extrusion and reduction system with independent protection function, which is resistant to damage caused by metal foreign matters.
- Built-in automatic foreign matter overload protection and manual troubleshooting system.
- Intelligent fault identification, alarm and data analysis system.
- Supports remote setting and adjustment, with remote monitoring via mobile mini-program and computer terminal.
- Adopts pressurized high-temperature cleaning mode.
- Automatic oil-water identification and precise oil drainage system.
- Automatic water replenishment and constant temperature heating system.
- Automatic cleaning, drainage and sludge discharge functions.
- Intelligent reminder for full oil barrel.
- Built-in oil collection bin.

Usage Scenarios

Suitable for large commercial complexes, large fruit and vegetable wholesale markets, kitchen waste storage and transportation stations and large catering stores.

Applicable Sites: Large Commercial Complexes, Large Fruit & Vegetable Wholesale Markets, Kitchen Waste Storage & Transportation Stations

LR-CJ-2200C Multi-functional Kitchen & Fruit and Vegetable Waste Treatment Station



Product Parameters

Item	Parameter	Item	Parameter
Product Model	LR-CJ-2200C	Drainage Port	To be confirmed
Operating Dimension	1800*2300*2700m m	Oil Separation Rate	To be confirmed
Rated Voltage	380V	Total Reduction Rate	To be confirmed
Rated Total Power	9KW	Dry Residue Moisture Content	To be confirmed
No-load Weight	500KG	Oil Collection Barrel Capacity	To be confirmed
Packaged Weight	600KG	Slag Collection	120L/240L

		Barrel Capacity	
Full-load Weight	Approx. 715KG	Cleaning & Heating Water Temperature	≥45°C
Water Inlet	4 points (hot water recommended)		

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Automatic material collecting and feeding system.
- Independently developed anti-foreign-body crushing and extrusion reduction system with independent protection performance.
- Automatic foreign matter overload protection and manual troubleshooting system.
- Intelligent fault identification, alarm and data analysis system.
- Multi-terminal remote monitoring and adjustment via mobile mini-program and computer.
- Pressurized high-temperature cleaning mode.

- Automatic oil-water identification and precise oil drainage system.
- Automatic water replenishment and constant temperature heating system.
- Automatic cleaning, drainage and sludge discharge functions.
- Intelligent reminder for full oil barrel.
- External oil collection barrel design.

Usage Scenarios

Suitable for large commercial complexes, large fruit and vegetable wholesale markets, kitchen waste storage and transportation stations and large catering stores.

Applicable Sites: Large Commercial Complexes, Large Fruit & Vegetable Wholesale Markets, Kitchen Waste Storage & Transportation Stations

LR-CJ-1900 Special Kitchen Waste Disposer



Product Parameters

Item	Parameter	Item	Parameter
Operating Dimension	1920*780*1660mm	Oil Purification Rate	≥95%
Rated Voltage	380V	Oil Separation Rate	≥99%
Rated Total Power	To be confirmed	Oil Collection Barrel Capacity	50-60L
No-load Weight	302KG	Slag Collection Barrel Capacity	60L/120L
Water Inlet	4 points (hot water recommended)	Processing Capacity	≥700KG/H
Cleaning & Heating Water Temperature	To be confirmed		

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Automatic material collecting and feeding system.
- Independently developed anti-foreign-body crushing and extrusion reduction system with stable self-protection function.
- Automatic foreign matter overload protection and manual troubleshooting system.
- Intelligent fault identification, alarm and data analysis system.
- Remote monitoring and control via mobile mini-program and computer terminal.
- Pressurized high-temperature cleaning mode.
- Automatic oil-water identification and precise oil drainage system.
- Automatic water replenishment and constant temperature heating system.
- Automatic cleaning, drainage and sludge discharge functions.
- Intelligent reminder for full oil barrel.
- Built-in oil collection bin.

Usage Scenarios

Suitable for large commercial complexes, government agencies, hospitals, banquet hotels, kitchen waste storage and transportation stations and large catering stores.

Applicable Sites: Government Agencies, Large Commercial Complexes, Hospitals, Institutional Canteens

LR-CJ-700D Heavy-duty Special Kitchen Waste Disposer



Product Parameters

Item	Parameter	Item	Parameter
Packaging Dimension	To be confirmed	Drainage Port Specification	590mm
Rated Voltage	380V	Oil Separation Rate	≥99%
Rated Total Power	2.37KW	Total Reduction Rate	50%-55%
No-load Weight	150KG	Dry Residue Moisture Content	≤70%
Packaged Weight	To be confirmed	Slag Collection Barrel Capacity	120L
Water Inlet	To be confirmed	Processing Capacity	To be confirmed

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Adopts adjustable rotary cutting, crushing and extrusion system.
- Independently developed anti-foreign-body crushing and extrusion reduction system with automatic protection function.
- Automatic foreign matter overload protection and manual troubleshooting system.
- Visual touch screen control system for simple operation.
- Intelligent fault identification, alarm and data analysis system.
- Pressurized cleaning mode.
- Automatic oil-water identification and precise oil drainage system.
- Automatic water replenishment and constant temperature heating system.
- Automatic cleaning, drainage and sludge discharge functions.
- Intelligent reminder for full oil barrel.
- Built-in oil collection bin.

Usage Scenarios

Suitable for large chain hot pot restaurants, schools, hospitals, institutional canteens, kitchen waste storage and transportation stations and small and medium-sized catering stores.

Applicable Sites: Large Chain Hot Pot Restaurants, Schools, Institutional Canteens

LR-CJ-700A Light-duty Special Kitchen Waste Disposer



Product Parameters

Item	Parameter	Item	Parameter
Product Model	LR-CJ-700A	Oil Purification Rate	≥95%
Operating Dimension	To be confirmed	Oil Separation Rate	To be confirmed
Packaging Dimension	1285*870*1410mm	Total Reduction Rate	45%-55%
Rated Voltage	220V/380V	Oil Collection Barrel Capacity	120L

No-load Weight	125KG	Processing Capacity	To be confirmed
Packaged Weight	To be confirmed	Oil Processing Capacity	≥50KG

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Equipped with directional rotary cutting, crushing and extrusion system.
- Independently developed anti-foreign-body crushing and extrusion reduction system with reliable self-protection performance.
- Automatic foreign matter overload protection and manual troubleshooting system.
- Visual touch screen control panel for intuitive operation.
- Intelligent fault identification, alarm and data analysis system.
- Automatic oil pumping and oil-water precise separation function.
- Automatic water replenishment and constant temperature heating system.
- Automatic cleaning, drainage and sludge discharge functions.
- Intelligent oil barrel full reminder and oil barrel detection system.
- Built-in oil collection bin.

Usage Scenarios

Ideal for hot pot restaurants and catering stores with large waste and high oil content.

Applicable Sites: Chinese Restaurants, Small & Medium-sized Catering Stores, Hot Pot Restaurants, Malatang Shops

LR-CJ-700B Light-duty Special Kitchen Waste Disposer



Product Parameters

Item	Parameter	Item	Parameter
Product Model	LR-CJ-700B	Water Inlet	4 points (hot water recommended)

Net Dimension	890*780*1230mm	Drainage Port	DN40 (40mm)
Operating Dimension	1190*780*1230m m	Oil Separation Rate	≥99%
Packaging Dimension	1285*870*1410m m	Oil Purification Rate	≥95%
Rated Voltage	220V	Total Reduction Rate	45%-55%
Rated Total Power	2KW	Dry Residue Moisture Content	≤70%
No-load Weight	125KG	Processing Capacity	≥500KG/H
Packaged Weight	330.5KG	Oil Collection Barrel Capacity	50L
Oil Processing Capacity	≥50KG	Slag Collection Barrel Capacity	120L

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Detachable spiral pushing device for easy maintenance.
- Automatic discharging function.
- Pure electric control buttons for simple operation.
- Manual oil pumping function.
- Automatic water replenishment and constant temperature heating system.
- Automatic cleaning, drainage and sludge discharge functions.
- External oil collection bin design.

Usage Scenarios

Suitable for Chinese restaurants, hot pot restaurants, institutional canteens and small and medium-sized catering stores.

Applicable Sites: Chinese Restaurants, Small & Medium-sized Catering Stores, Institutional Canteens, Malatang Shops

LR-CJ-1226 Full Intelligent Kitchen Waste Disposer



Product Parameters

Item	Parameter	Item	Parameter
Product Model	LR-CJ-1226	Oil Purification Rate	≥95%
Operating Dimension	1170*870*1140m m	Dry Residue Moisture Content	To be confirmed
Rated Total Power	To be confirmed	Oil Collection Barrel Capacity	50L
No-load Weight	164.5KG	Processing Capacity	≥500KG/H
Packaged Weight	234KG		

Processing Scope

Full-functional disposal of various kitchen waste, fruit and vegetable waste (including seafood, crayfish and hard-shell waste). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Adjustable rotary cutting, crushing and extrusion system.
- Independently developed anti-foreign-body crushing and extrusion reduction system with automatic protection function.
- Automatic foreign matter overload protection and manual troubleshooting system.
- Visual touch screen control system for convenient operation.
- Intelligent fault identification, alarm and data analysis system.
- Pressurized high-temperature cleaning, automatic oil-water separation and constant temperature water supply system.
- Automatic cleaning, drainage and sludge discharge functions.
- Intelligent oil barrel full reminder with oil barrel detection system.
- Built-in oil collection bin.

Usage Scenarios

Suitable for government agencies, schools, hospitals, banquet hotels, large chain hot pot restaurants and small and medium-sized catering stores.

Applicable Sites: Government Agencies, Schools, Hospitals, Institutional Canteens, Large Chain Hot Pot Restaurants

LR-CJ-1226B Special Kitchen Waste Disposer



Product Parameters

Item	Parameter	Item	Parameter
Operating Dimension 1	1110*770*1200m m	Water Inlet	4 points (hot water recommended)
Operating Dimension 2	1110*870*1140m m	Total Reduction Rate	To be confirmed
No-load Weight	To be confirmed	Oil Collection Barrel Capacity	To be confirmed
Oil Processing Capacity	To be confirmed	Processing Capacity	≥500KG/H

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and

plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.

Product Advantages

- Directional rotary cutting, crushing and extrusion system with stable performance.
- Independently developed anti-foreign-body crushing and extrusion reduction system with automatic protection function.
- Automatic foreign matter overload protection and manual troubleshooting system.
- Visual touch screen control system and intelligent fault alarm system.
- Pressurized cleaning, automatic oil-water identification and precise oil drainage system.
- Automatic water replenishment, constant temperature heating and full-automatic cleaning system.
- Automatic drainage and sludge discharge functions.
- Intelligent oil barrel full reminder and detection system.
- Built-in oil collection bin.

Usage Scenarios

Suitable for government agencies, schools, hospitals, banquet hotels, large chain hot pot restaurants and various small and medium-sized catering stores.

Applicable Sites: Chinese Restaurants, Catering Stores, Hot Pot Restaurants, Malatang Shops

LR-CJ-1300 Multi-functional Meal Collection, Oil Separation & Slag Removal Equipment (With Cleaning Platform)

Product Parameters

Item	Parameter	Item	Parameter
Net Dimension	1300*600*800mm	Water Inlet	To be confirmed
Full-load Weight	To be confirmed	Drainage Port	To be confirmed
Oil Separation Rate	To be confirmed	Total Reduction Rate	To be confirmed

Dry Residue Moisture Content	To be confirmed	Oil Collection Barrel Capacity	To be confirmed
Slag Collection Barrel Capacity	To be confirmed		

Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.

Product Advantages

- Built-in cleaning spray function on the equipment tabletop.
- Automatic constant temperature heating system.
- Electric oil drainage function.
- Manual sludge discharge and manual slag removal function.
- Humanized design, easy to operate and maintain.

Usage Scenarios

Suitable for Malatang shops, grilled fish shops, Chinese restaurants and other small catering stores.

Applicable Sites: Malatang Shops, Grilled Fish Shops, Chinese Restaurants

LR-CJ-1500 Multi-functional Meal Collection, Oil Separation & Slag Discharge Equipment



Product Parameters

Item	Parameter	Item	Parameter
Product Dimension	1500*760*850mm	Drainage Port	DN40 (40mm)
Rated Voltage	220V	Oil Purification Rate	To be confirmed
Rated Total Power	1.6KW	Oil Separation Rate	To be confirmed
No-load Weight	136KG	Total Reduction Rate	To be confirmed
Full-load Weight	Approx. 213KG	Oil Collection Barrel Capacity	25L

Processing Capacity	≥400KG/H		
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Processing Scope

It is applicable to all kinds of kitchen waste, fruit and vegetable waste, animal and plant residues (excluding industrial wastes such as metal, porcelain, plastic, glass and cotton textiles). The whole machine adopts a modular assembly structure, which is suitable for various installation scenarios.



Product Advantages

- Tabletop integrated cleaning spray function for convenient on-site cleaning.
- Automatic constant temperature heating system to prevent oil solidification.
- Visual manual oil drainage function for intuitive operation.
- Automatic timing sludge discharge function.
- One-click cleaning function, labor-saving and efficient.
- Precise water level detection and automatic water replenishment system.
- Convenient manual slag removal design.

Usage Scenarios

Suitable for non-beef tallow hot pot restaurants, Malatang shops, string shops, Chinese restaurants and other small catering stores.

Applicable Sites: Non-beef Tallow Hot Pot Restaurants, Malatang Shops, String Shops, Chinese Restaurants