



Pure innovation – the range.



A.H. INTERNATIONAL  
PROFESSIONALS CHOOSE STAHL  
Since 1909

**STAHL**  
WÄSCHEREIMASCHINEN  
Made in Germany

# First-class in economy.



ATOLL 55, 77, 100, 120, 140, 190, 220, 290, 350, 450, 600, 800, 1100

# Economical, efficient and robust.



WS 100, 140, 220, 290, 350, 450, 600

WASHING MACHINES

## ATOLL – high rotation speed washing machine (free standing)

### FREEpro touch

All functions are centrally controlled by the innovative micro-processor control unit. The design is well-organised and ensures an easy operation of the machine.

### SPEED-FLOW-System

Hydrodynamic water flooding reduces water and energy consumption.

### PULS-Process

Pendulum overflow rinse process reduces amount of rinse baths, detergents, wash times, wear and tear on linen and energy consumption.

Washing machine ATOLL (free standing)	55	77	100	120	140	190	220	290	350	450	600	800	1100	
Load capacity (dry load)*	ca. kg	6	8	10	12	14	19	22	29	35	45	60	80	115
Spin speed variable up to	rpm	1100	1100	1000	1000	1000	1000	1000	900	900	900	900	800	800

Suitable for wet cleaning

Heating: Electric, steam, hot oil

\* Depending on load type

### SWI

Specially designed heat insulation keeps the heat inside the outer drum. This “thermo effect” saves approximately 30% of heating energy.

### Drum bearing

Best quality, advanced technology and long-lasting – we grant a five-year warranty.

### STAHL Eco-Drum

- Fast draining including lint
- Gentle conical perforations with soft radiuses

## WS – normal rotation speed washing machines (rigidly mounted)

**For high-performance, economical and gentle laundry care.**

### FREEpro touch:

Modern technology with the micro-processor control unit FREEpro touch. All functions are centrally controlled. The design is well-organised and ensures an easy operation of the machine.

### SPEED-FLOW-System

Hydrodynamic water flooding reduces water and energy consumption.

Washing machine WS (rigidly mounted)	100	140	220	290	350	450	600	
Load capacity (dry load)*	ca. kg	10	14	22	29	35	45	60
Spin speed variable up to	rpm	500	500	500	500	500	500	500

Suitable for wet cleaning

Heating: Electric, steam, hot oil

\* Depending on load type

### PULS-Process

Pendulum overflow rinse process reduces amount of rinse baths, detergents, wash times, wear and tear on linen and energy consumption.

### SWI

The specially designed heat insulation saves approximately 30% of heating energy.

### STAHL Eco-Drum

- Fast draining including lint
- Gentle conical perforations with soft radiuses

# Best technology for perfect hygiene.



DIVIMAT D 140, 180, 220, 290, 350, 400, 450, 600, 800



DIVIMAT D-Y 1200, 1600, 2000

PASS-THROUGH WASHING MACHINES

## DIVIMAT D – Pullman-partition, with two chambers

### SPEED-FLOW-System

Hydrodynamic water flooding reduces water and energy consumption.

### PULS-Process

Pendulum overflow rinse process reduces amount of rinse baths, detergents, wash times, wear and tear on linen and energy consumption.

DIVIMAT D		140	180	220	290	400	350	450	600	800
Load capacity (dry load)*	ca. kg	14	18	22	29	40	35	45	60	80
Spin speed variable up to	rpm	1000	1000	1000	1000	900	900	900	900	900
Chambers		1	1	1	1	1	1/2	1/2	1/2	1/2

DIVIMAT S (side loading)		140	190	220	350
Load capacity (dry load)*	ca. kg	14	19	22	35
Spin speed variable up to	rpm	1000	1000	1000	900
Chambers		1	1	1	1

\* Depending on load type

### STAHL Eco-Drum

- Fast draining including lint
- Gentle conical perforations with soft radiuses
- Two chambers with Pullman-partition

### Perforated lifters for fast flooding of the wash load

### FREEpro touch

All functions are centrally controlled by the micro-processor control unit.

## DIVIMAT D-Y – Y-partition, with three chambers

### SPEED-FLOW-System

Hydrodynamic water flooding reduces water and energy consumption.

### PULS-Process

Pendulum overflow rinse process reduces amount of rinse baths, detergents, wash times, wear and tear on linen and energy consumption.

DIVIMAT D-Y		1200	1600	2000
Load capacity (dry load)*	ca. kg	120	160	200
Spin speed variable up to	rpm	700	700	700
Y-partition, chambers		3	3	3

\* Depending on load type

### STAHL Eco-Drum

- Fast draining including lint
- Gentle conical perforations with soft radiuses
- Three chambers with Y-partition

### SWI

Specially designed heat insulation keeps the heat inside the outer drum. This “thermo effect” saves approximately 30% of heating energy.



### FREEpro touch – excellent technology:

All functions are centrally controlled by the innovative micro-processor control unit.

# Excellent, inspiring technology.



T 234



T 256

T 232, 234, 236, 244, 246 UND T 252, 254, 256



TE 5001, 7001

TUMBLE DRYERS

**Large, ergonomic door opening**

The ergonomic door with solid stainless steel frame is fitted with a magnetic lock and an inspection window.

**Freely-accessible lint filter**

A large lint filter made of sturdy stainless steel is located underneath the drum and can be cleaned easily and conveniently from the front.

**FREEpro touch** – the innovative micro-processor control unit.



**Radial airflow for rapid drying**

Radial airflow ensures particularly fast, gentle and thorough drying. Hot air blows diagonally from top to bottom through the stainless steel drum that is perforated all the way around. Temperatures remain the same everywhere. During this process, the drum reversal feature supports radial airflow with changing falling heights of the linen so that textiles are evenly dried in the shortest possible time.

**Intelligent recovery of circulating air – standard**

**Maintenance free, efficient drive**

All STAHL Model T 232 to T 246 tumble dryers are fitted with a unique, absolutely maintenance-free direct drive.

Tumble dryer		T 232	T 234	T 236	T 244	T 246	T 252	T 254	T 256
Loading quantity*	kg	8–11	12–15	16–18	20–28	28–39	40–60	60–80	70–110

Suitable for wet cleaning  
Heating: Electric, gas, steam, hot oil, hot water

\* Depending on load type

**Radial airflow for rapid drying**

Radial airflow ensures particularly fast, gentle and thorough drying. Hot air blows diagonally from top to bottom through the stainless steel drum that is perforated all the way around. Temperatures remain the same everywhere. During this process, the drum reversal feature supports radial airflow with changing falling heights of the linen so that textiles are evenly dried in the shortest possible time.

**Large, ergonomic door opening**

The ergonomic door with solid stainless steel frame is fitted with a magnetic lock and an inspection window.

Tumble dryer		TE 5001	TE 7001
Loading quantity*	kg	20–28	28–39

Suitable for wet cleaning  
Heating: Electric, gas, steam, hot oil, hot water feed/return

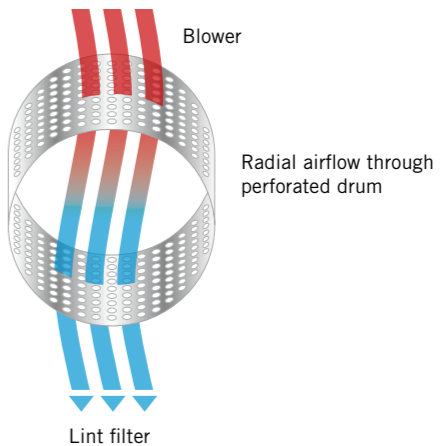
\* Depending on load type

**Freely-accessible lint filter**

A large lint filter made of sturdy stainless steel is located underneath the drum and can be cleaned easily and conveniently from the front.

**Maintenance free, efficient drive**

The STAHL Model TE 5001 and TE 7001 tumble dryers are fitted with a unique, absolutely maintenance-free direct drive



# Fantastic finish through perfect technology.



MC 210, 330, 400, 500, 600, 800

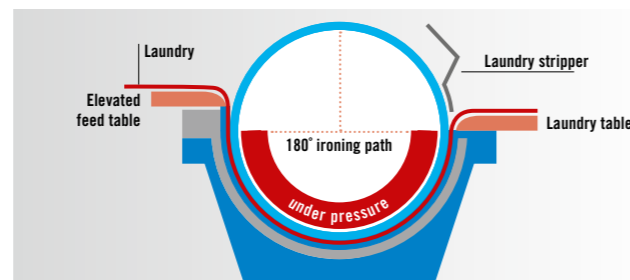
# Brilliant results with just one person.



MR 330, 400, 500, 600, 800



FLATWORK IRONER M 210, 330



**FREEpro touch** – the innovative micro-processor control unit.

The flatwork ironers can be supplied with a sturdy, double-layered, fully insulated metal ironer cover.

**The STAHL-super-chest**

Raising and lowering of the roller which results in a constant ironing pressure and allows easy cleaning of the trough.

Flatwork ironer M / MC		M 210	M 330	MC 330	MC 400	MC 500	MC 600	MC 800
Roller diameter	mm	210	300	300	400	500	600	800
Working width	mm	1400	1650–2000	1750–3500				
Ironing speed, infinitely variable	m/min.	•	•	•	•	•	•	•
Laundry feed band		–	–	•	–	•	•	•

Heating: Electric, gas, steam, hot oil

• standard  
– not included

## Reduced laundry wear

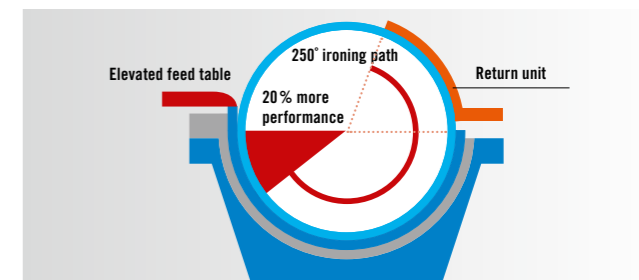
Speed of laundry feed band is synchronized with the ironer speed. No run-on necessary. No stress of any kind is applied to the laundry item.

## Maintenance and loss-free drive

The three-phase current drive motors guarantee a low-stress smooth start-up and stop.

**FREEpro touch** – the innovative micro-processor control unit.

## PTS-drive



**The STAHL super-chest**

The return unit is providing you an actual ironing path under pressure of 250°.

Flatwork ironer MR – return feed ironer		MR 330	MR 400	MR 500	MR 600	MR 800
Roller diameter	mm	300	400	500	600	800
Ironing speed, infinitely variable	m/min.	•	•	•	•	•
Laundry feed band		•	•	•	•	•

Heating: Electric, gas, steam, hot oil

• standard

Only brilliant technology achieves shining results.



MASTER 1210, 1610, 2010

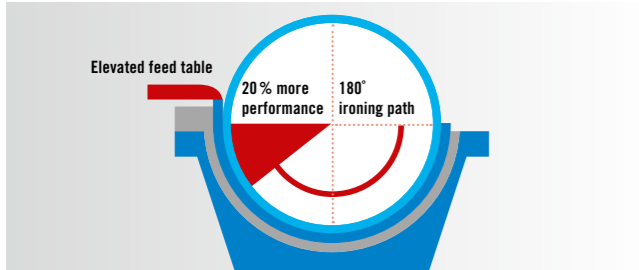
Powerroll and Masterroll for a superior finish.



POWERROLL 500, 600, 800, 1000 + MASTERROLL 1210, 1610

FLATWORK IRONERS

FLATWORK IRONERS



**STAHL super-chest**  
Longer ironing path with higher performance

- Modular construction**  
Every MASTER can be modularly extended and consequently adapted to the economic development of your business.
- Reduced laundry wear**
- Maintenance and loss-free drive**  
The three-phase current drive motors guarantee a low-stress smooth start-up and stop.
- FREEpro touch** – the innovative micro-processor control unit.

MASTER		MASTER 1210	MASTER 1610	MASTER 2010
Roller diameter	mm	1210	1610	2010
Roller length	mm	1750 – 3500	3000 / 3300 / 3500	3000 / 3300 / 3500
Ironing speed, infinitely variable	m/min.	•	•	•

Heating: Electric, gas, steam, hot oil • standard

- The POWERROLL and MASTERROLL with one, two or three rollers**
- Modular construction**  
Every machine can be modularly extended and consequently adapted to the economic development of your business.
- The STAHL super trough**  
It has the longest ironing path under contact pressure and therefore has up to 20% more production capacity.

- Reduced laundry wear**  
The rollers run absolutely synchronously. No run-on necessary. No stress of any kind is applied to the laundry item.
- FREEpro touch** – the innovative micro-processor control unit.
- Maintenance and loss-free drive**  
The three-phase current drive motors guarantee a low-stress smooth start-up and stop. No lubrication, no brake pads, low maintenance costs.

POWERROLL AND MASTERROLL		POWERROLL 500 / 600 / 800 / 1000	MASTERROLL 1210 / 1610
Number of rollers		1 / 2 / 3	1 / 2 / 3
Roller diameter	mm	500 / 600 / 800 / 1000	1210 / 1610
Roller length	mm	1750 – 3500	1750 – 3500
Modular construction		yes	yes

Heating: Electric, gas, steam, hot oil

# Impressive performance increase.



SERVANT UNIVERSAL FEEDING MACHINE

# Professional, efficient and precise.



DOMESTIC FOLDING MACHINE FOR FLAT LAUNDRY

SERVANT UNIVERSAL FEEDING MACHINE AND FOLDING MACHINES

### SERVANT universal feeding machine

The SERVANT automatic laundry feeder improves performance output on your ironing line with constant quality. The SERVANT is available with a vacuum table or with 1–4 feeding stations.

#### You save time

The time-consuming feeding-in process is shortened, since the textiles can be fed in one directly after the other by up to four persons at a high processing speed.

#### You save on staff

Large laundry items can be fed in by a single person using the clamping device.

SERVANT								
Working width without feeding station	mm	1750	2100	2500	2700	3000	3300	3500
Working width with feeding station	mm	–	–	–	2700	3000	3300	3500
Working width with more than one feeding station	mm	–	–	–	–	3000	3300	3500

Other working widths upon request. We reserve the right to make technical changes, errors excepted. Illustrations may contain special fittings.

### DOMESTIC folding machine for flat laundry

The longitudinal folding machine DOMESTIC – your powerful and efficient partner for quick and exact longitudinal folding of your ironing laundry.

#### Gentle folding of your textiles

- Precise folding
- Longitudinal folding is done with a dynamic air jet
- Gentle on your laundry
- Low-maintenance
- Automatic line coupling

### Folding on up to three lanes

DOMESTIC enables you to work simultaneously on up to three lanes alongside each other with various types of laundry and folding operations. What's more, the lanes can be automatically interlinked so that you then have the entire working width available for one piece of laundry.

#### FREEpro touch

All functions are centrally controlled by the innovative micro-processor control unit.

DOMESTIC								
Working widths	mm	1750	2100	2500	2700	3000	3300	3500
Overall width	mm	Working width + 420 mm						
Height	mm	1400–1700 mm according to ironer type						
Depth with folding table	mm	ca. 1700 mm with standard conveyor ca. 2380 mm with long conveyor						



Longitudinal folding patterns options

Other working widths upon request. We reserve the right to make technical changes, errors excepted. Illustrations may contain special fittings.

# Performance increase through precise folding and stacking.



STARFOLD FOLDING MACHINE FOR FLAT LAUNDRY

# Precise folding, sorting and stacking.



KOMBIFOLD TERRY CLOTH FOLDING MACHINE



## STARFOLD folding machine for flat laundry

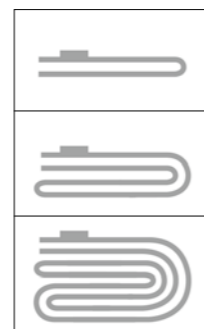
The STARFOLD folding machine is perfect for high-performance needs. The basic version is able to complete longitudinal and cross folding and can be customised to your individual company needs.

### FREEpro touch – excellent technology:

All functions are centrally controlled by the innovative micro-processor control unit.

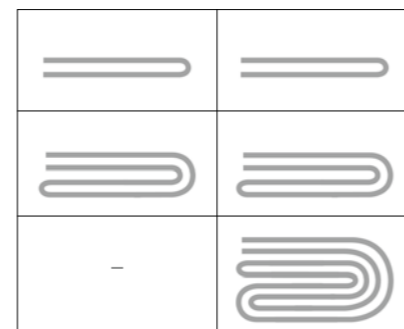


#### Longitudinal folding pattern options



#### Cross folding pattern options

Second folding:      Third folding:



STARFOLD	
Working widths (mm)	3000   3300   3500
Number of longitudinal foldings	1 / 2 / 3
Number of cross foldings	1 / 2 / 3
Number of lanes for cross	1 / 2

Other working widths upon request. We reserve the right to make technical changes, errors excepted. Illustrations may contain special fittings.

## KOMBIFOLD terry cloth folding machine

The KOMBIFOLD terry cloth folding machine is professional folding technology for your terry cloth laundry. The folding machine guarantees precise folding, sorting and stacking.

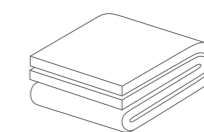
### FREEpro touch

All functions are centrally controlled by the innovative micro-processor control unit. The design is well-organised and ensures an easy operation of the machine.

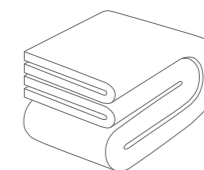
KOMBIFOLD	
Processable types of laundry	Terry cloths towels, aprons, smocks, T-shirts, fitted sheets, underwear ...
Folding stations	3
Speed	Up to 1800 pieces per hour, depending on the type of laundry
Power connection	400V / 3 / 50Hz / N / PE, 16 A, 1,5 kW
Compressed air connection	20 Nm <sup>3</sup> /1000 pieces, 6 –10 bar, 1/2" diameter
Width / depth / height	2045 / 4646 / 1350 mm
Maximum size for laundry items	1800 x 1150 mm

Other working widths upon request. We reserve the right to make technical changes, errors excepted. Illustrations may contain special fittings.

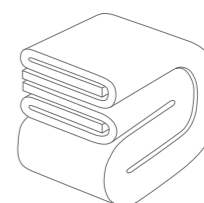
### Folding examples:



LF: By-Pass  
CF: One fourth folding



LF: Half folding  
CF: One fourth folding



LF: French folding  
QF: One fourth folding



# Securely and professionally disinfected.



DISINFECTION SLUICE



## The perfect way of container cleaning and disinfection

- Closed cabin to install in a partition wall
- Installation on the floor
- Freely programmable cycle time per loading
- Spraying of chemicals, water and/or steam
- Entirely made of stainless steel
- Laterally opening doors
- Simple cleaning

## Our systems are perfectly suitable for treatment of:

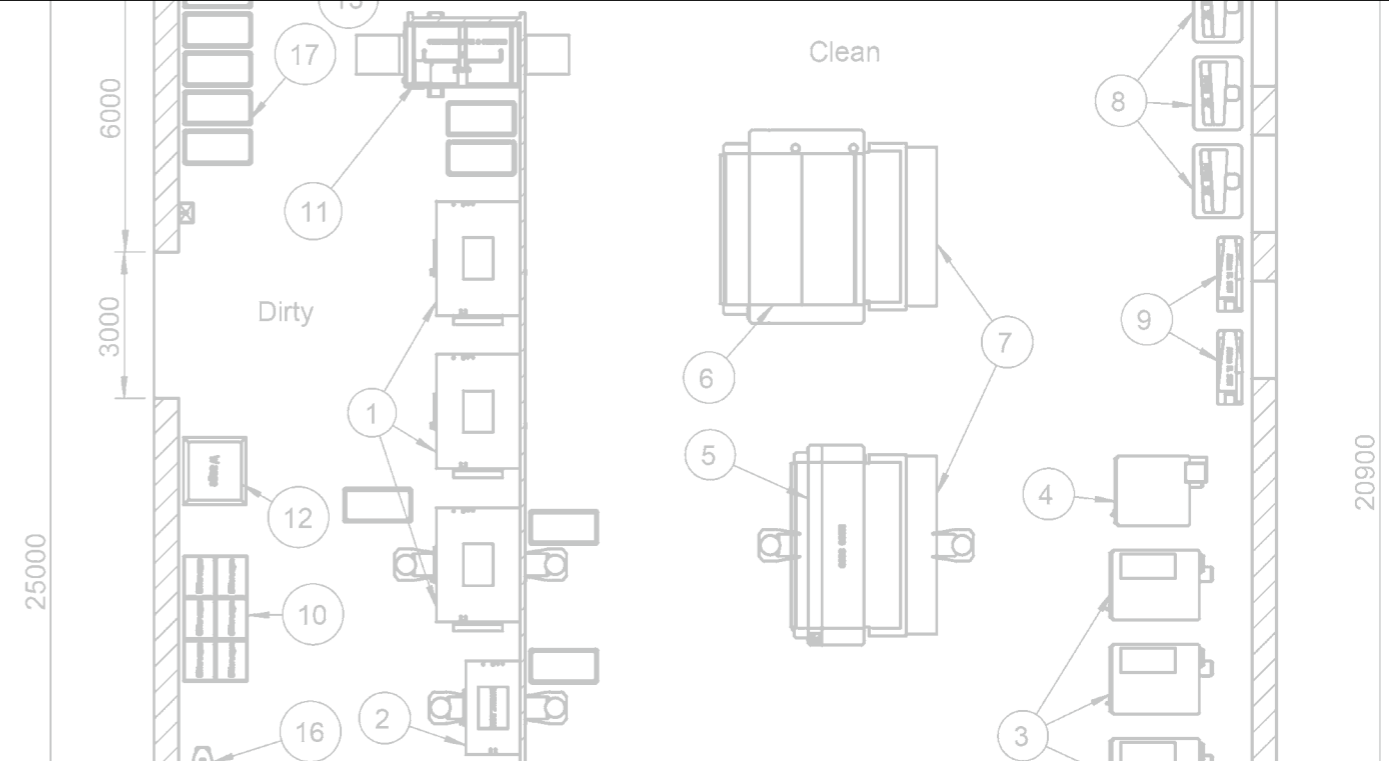
- Laundry trolleys
- Shelf trolleys
- Open cupboard trolleys
- Containers

### FREEpro touch

The innovative micro-processor control unit.

DISINFECTION SLUICE		
Standard length (2 - Modules)	mm	2360
Module length	mm	1180
Total height / transport height	mm	2565 / 2310
Width	mm	1325
Width with chemistry attachment	mm	1520
Compressed air 1/4"	bar	6 / 20 NL/h
Exhaust air	DN	100 (960 m³/h)
Steam 1/2"	IG	max. 8 bar
Drain	IG	1"

Other working widths upon request.  
We reserve the right to make technical changes, errors excepted.  
Illustrations may contain special fittings.



DISINFECTION SLUICE AND SERVICE

## Planning and advice

- We provide advice and plan all projects relating to laundry machines no matter what their size.
- Initial procurement of industrial laundry machines in the case of the setting up, launch or construction of your new business.
- Expansion of your inventory of laundry machinery
- Reinvestment in your laundry systems
- Analysis, planning, improvement, and implementation of your laundry processes.
- Energy advice concerning your laundry plant

## Delivery Service

- Delivery, installation and bringing into service of your commercial STAHL laundry machines
- Withdrawal and disposal of your used laundry equipment by STAHL laundry machines

## Technical training

You can arrange for your technicians to receive technical training at our company headquarters. The benefit to you is that your workflow will be more efficient, flexible and profitable.

## Spare parts

Spare parts for your STAHL laundry systems can be conveniently ordered from us at any time. Our highly qualified staff will process your spare parts enquiry quickly and conscientiously and provide you with information regarding the delivery time and the conditions that apply to the spare parts for your laundry machines.

## Service-Hotline

Call our Service Hotline on +49 7031 73840 to talk to our friendly and professional STAHL staff who are able to provide quick, flawless assistance with all the issues that concern you. If there are technical challenges in relation to your innovative STAHL laundry machines, our engineers and technicians work with you via our unique telephone support service to ensure that you do not suffer any interruption to your operations.

# STAHL international



## Full-range systems provider STAHL:

STAHL has been producing exclusively commercial laundry machines as a high-performance and competent family-run business in Germany since 1909. As a system supplier we are able to offer you economically mature and innovative products:

- **Washing machines** for quick and efficient laundry care up to 115 kg
- **Pass-through washing machines DIVIMAT** for your needs up to 200 kg
- **Tumble dryers** with the most modern technology available for energy-saving drying up to 110 kg
- **High-performance ironers** are the perfect laundry finish for any need
- **SERVANT**, the ideal feeding machine for efficient and high quality processing
- **STARFOLD folding machine**, intelligent and time-saving technology
- **DOMESTIC folding machine for flat laundry** – your powerful and efficient partner
- **KOMBIFOLD terry cloth folding machine** – precise folding, sorting and stacking of your terry cloth towels and dry laundry
- **Trolley wash / Disinfection sluice**
- **Hydro-extractors**