## CLEANTECH

**Leading laundry equipment** 



## LAUNDRY SYSTEMS

Technology of Japan <a> \_</a>









Strong - Economical - Durable

### **CLEANTECH**

### WASHING MACHINES

**CLEANTECH** washing machines are developed not only to clean, but to extend linen life, reduce water usage and utility costs to maximize productivity. Our heavy-duty construction provides reliable operation and guarantees your washer-extractor will be in service for years to come, while our High G-Force extraction removes more water from each load, reducing energy cost, shortening drying times, thus increasing output.

#### **Features**

- Use the most advanced technology controller, fast and easy data transfe
- Equipped with automatic chemical pump, washing time and chemicals saved significantly
- Extra lubrication system
- European-standard electrical system
- Warning system with specific instructions clearly illustrated
- European-standard heating structure
- USA-standard drainage valve integrated
- Compact design for space saving
- Adopt world latest MFS suspension technology and DFW patently electric balance shockproof technology to create better stability and durability
- Internal and external drum and flanged shaft are all made by mould without welding points, with qualified mirror finished SS304 stainless steel

- Strengthened aluminum alloy pulley with imported drive belt adopted to prolong the use life and reduce the inertia load of the motor.
- Both automatically control and manual control system.
- Variable speed control system with vector multiple-speed linear.
- Programmable water levels, temperatures and cool-down
- Safety door interlock system with large sight glass

#### **Installation & Maintenance**

- Zero impact on the ground due to independent suspension system
- Optimized balance
- Easy maintenance for all components

#### Perfect cleaning quality

- Large diameter basket with multiple ribs produces better mechanical wash action for optimum wash quality with less detergent.
- Single motor inverter drive allows programmable right wash speed for wide variety of fabrics.
- 5 automatic detergent cups turn over and flush all detergents thoroughly into the basket, no remaining lump in cups.



### **CE CERTIFICATE**







### **ISO CERTIFICATE**





# **HIGH-SPEED SOFT-MOUNT**WASHER EXTRACTOR



#### STAINLESS STEEL CONSTRUCTION



- All metallic parts that come into contact with wash are in AISI304.
- Durable AISI304 stainless steel inner and outer drums designed for constant use.
- Front, side, and top panels are all in AISI304.

#### INDEPENDENT SUSPENSION SYSTEM

- With the multi directional springs system, the machine can absorb 97% of all vibrations.
- Ensure the stability when the extract speed reaches up to max. 420G.

#### **DRIVE SYSTEM**

- Specially made inverter, the inverter controlled motor and the matched controller programs enable the extract speed reach up to 420G.
- Advanced electronic balancing technique achieves out of balance automated load adjustment.
- Significant reduction in noise, vibration, and fatigue of the washing machine components.

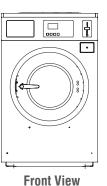
Mode		Unit	TNE/S-15	TNE/S-25	TNE/S-40	TNE/S-60	TNE/S-80	TNE/S-100	TNE/S-120
Capaci	ty	kg	15	25	40	60	80	100	120
G-ford	е	G	250-300	280-320	280-320	300-350	300-350	320-420	320-420
	Diameter	mm	660	779	905	1080	1080	1310	1310
Drum	Depth	mm	436	539	626	620	820	750	818
	Volume	Litre	149	256	402	568	750	1010	1102
Canad	Wash	rpm	35-45	35-45	35-45	35-45	35-45	30-42	30-42
Speed	Extract	rpm	650-820	650-820	650-820	600-780	600-780	550-760	550-760
	Water	It	190-210	320-360	500-560	750-850	1000-1120	1300-1440	1450-1600
Concumntion	Electric	Kw	3.5-4	7-8	12.5-14	13.5-15	17-19	5.5-6	6-6.5
Consumption	Steam	kg	8-10	13-15	22-25	35-40	50-55	60-70	70-85
	Gas	Kcal							
		V/D/II=	380V/3P	380V/3P	380V/3P	380V/3P	380V/3P/	380V/3P/	380V/3P/
Dawar	Supply	V/P/Hz	/50Hz	/50 Hz	/50Hz	/50Hz	50Hz	50Hz	50Hz
Power	Motor	Kwh	1.5	2.2	4	5.5	7.5	11	11
	Heater	Kwh	6	12	24	24	30	-	-
	Width	mm	880	1038	1230	1620	1620	1770	1770
Dimensions	Depth	mm	858	1155	1370	1500	1705	1795	1865
	Height	mm	1420	1470	1740	1970	1970	2060	2060
Weigh	nt	kg	360	720	1200	2000	2620	3000	3300

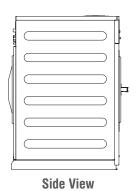
# **HARD MOUNT**WASHER EXTRACTOR

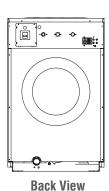


- Industrial rigid mount Structure
- Energy saving DC motor Technology
- High G Force of 250G
- Four compartment detergent box
- Unique dimpled and perforated drum
- Additional 3/4" Water Inlet Valve
- High-quality parts
- High contrast graphic LCD Screen

Weight







Model		T0-SXT-100G	T0-SXT-150G	TO-SXT-200G	TO-SXT-300G
acity	kg	10	15	20	30
orce	G	150-200	150-200	150-200	150-200
Diameter	mm	610	610	685	774
Depth	mm	310	438	504	600
Volume	Liter	90	128	186	282
Wash	rpm	35-50	35-50	35-50	35-50
Extract	rpm	500-700	450-650	400-600	400-600
Water	It	120-140	170-200	250-280	380-420
Electric	Kw	0.2	0.2	5.5-6.2	7.5-8.5
Steam	kg	-	-	-	-
Gas	Kcal	-	-	-	-
Supply	V/P/Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz
Motor	Kwh	0.37	0.37	1.5	2.2
Heater	Kwh	-	-	11	15
Width	mm	736	736	812	955
Depth	mm	815	946	1050	1210
Height	mm	1170	1170	1260	1430
	acity  proce Diameter Depth Volume Wash Extract Water Electric Steam Gas Supply Motor Heater Width Depth	acity kg  proce G Diameter mm Depth mm Volume Liter Wash rpm Extract rpm Water It Electric Kw Steam kg Gas Kcal Supply V/P/Hz Motor Kwh Heater Kwh Width mm Depth mm	Received to the content of the con	Recity   R	Acity   kg

310

330

360

660

## CLEANTECH Technology of Japan

# **STACKER**ALL IN ONE



- Fully automatic 3 in 1 laundry machine, developed for industrial use, the unit is a combination of washer, extractor and dryer in the same machine.
- Washer and the dryer works separately controlled by two controllers. Dryer and washer extractor can work at the same time.
- Axial air flow structure achieves energy saving and higher drying efficiency.
- SS304 for both washer basket and dryer basket
- Variable frequency drive for both washer and dryer. The rotate speed of washer extractor is controlled by HOLIP inverter. It saves 40% drive consumption than traditional washer extractors.

Mod	el	Unit	TO-SXTH-130FDQ
Capa	city	kg	13
G-for	ce	G	325
	Diameter	mm	580   775
Drum	Depth	mm	415   555
	Volume	Liter	110   260
Chood	Dry	rpm	35-50
Speed	Extract	rpm	500-1000
	Water	It	150-180
Consumption	Electric	Kw	5.0-7.0
	Steam	kg	-
	Gas	Kcal	-
	Supply	V/P/Hz	380V/3P/50Hz
Power	Motor	Kwh	0.37
	Heater	Kwh	5   7.5
	Width	mm	840
Dimensions	Depth	mm	928
	Height	mm	2068
Weig	ht	kg	505

## DRY CLEANING MULTI SOLVENT



- Full automatic computer control system with manual control. Programmable computer with self-diagnostics function. Big LCD display screen. Intelligent operation.
- High standard production line ensures stronger parts and makes the part replacement easier.
- Completed stainless steel structure for all the components contacting with solvent
- A world advanced air channel structure ensures high air flow and faster recycles speed, to save drying time
- Double filtration system consists of one ecological filter and one newly designed and patented active carbon filter which doesn't need to be cleaned with dry cleaning filtration powder and carbon powder. It achieves free maintenance for filter, high cleanness, and less running cost.
- Equipped with various safety protection devices, such as pneumatic safety door lock device for loading door, lint collector, still tank residual solvent drainage door, and button trap.
- European standard solvent leak-proof tank prevents solvent leaking to contaminate the laundry and underground water, and meanwhile it can recycle the solvent.

Model		Unit	TO-P-160FDQ	TO-P-186FDQII	TO-HMS-218
Capa	city	kg	8	10	12
	Diameter	mm	695	686	775
Drum	Depth	mm	450	504	468
	Tank	lt	75/75/110	125/125/160	155/155/200
Cnood	Wash	rpm	35-45	35-40	35-40
Speed	Extract	rpm	450-650	400-600	350-460
	Chemical	type	Perc	Perc	Multi
Consumption	Electric	Kw	6-8	8-10	15-20
	Time	min/cycle	30-40	40-60	40-60
	Supply	V/P/Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz
	Driving motor	Kwh	1.5	1.5	1.5
Dower	Fan motor	Kwh	0.75	1.5	1.5
Power	Filter motor	Kwh	0.12	0.55	0.55
	Refrigerator	Kwh	1.5	2.1	2.6
	Drying heating	Kwh	6.6	7.8	8.4
	Width	m m	1556	1980	2110
Dimensions	Depth	m m	1185	1325	1550
	Height	m m	2000	2090	2100
V	/eight	kg	980	1050	1250

# TUMBLE DRYERS ENERGY EFFICENT

#### Drum design and finish

Stainless steel material
Finest finishing on the surface
Perfect 4mm perforation on the drum
Forward and reverse while running

#### Extra-large door with full view tempered glass

Big diameter 1007mm 180 degrees opening Stop running while door opens



#### **Super-Efficient Heater**

Stainless steel 316L material
Anti-rust, anti-corrosion, longer lifetime, faster heating speed

#### Two groups of heating system, double the drying efficiency

#### **User friendly controller**

The controller is specially designed for the control of the automatic dryer.

It features stability and reliability in operation.

The controller has very convenient human-machine interaction interface with liquid crystal display to show state of operation of the machine including temperatures at Led display and thus helps monitoring effect.

20 different cycles can be programmed and upon a single touch of the [Start] key, the machine will run automatically to the end of the selected cycle

#### Rear hood

Fully enclosed design on the rear part, avoiding dust enter into the drum, and lower the noise.

Make the machine more beautiful and neat on the back.

Ensure the safety due to the pulley and belts are all covered.

Model		Unit	TSE/S/G-15	TSE/S/G-25	TSE/S/G-35	TSE/S/G-50	TSE/S/G-100
Capaci	ty	kg	15	25	35	50	100
	Diameter	mm	843	958	958	1139	1452
Drum	Depth	mm	512	775	977	958	1185
	Volume	Liter	285	550	690	970	1920
	Water	lt	-	-	-	-	-
Concumption	Electric	Kw	5.5-6	10-13	15-18	18-22	2-2.5
Consumption	Steam	kg	16-20	30-35	40-45	55-65	100-130
	Gas	Kcal					
	Supply	V/P/Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz
Downer	Motor	Kwh	0.37	1.1	1.1	1.5	3
Power	Fan motor	Kwh	0.37	1.1	1.1	1.1	2.2
	Heater	Kwh	10	25	30	40	-
	Width	mm	925	1046	1046	1340	1652
Dimensions	Depth	mm	873	1168	1476	1658	1883
	Height	mm	1835	1915	1915	2100	2438
Weigh	t	kg	310	440	550	690	1090

Cleantech reserves the change of machine specifications due to technological needs without prior notice

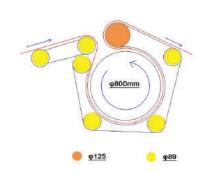


## **COMMERCIAL** FLATWORK IRONER



Model		Unit	TO-Y-	TO-Y-	T0-Y-	TO-Y-	
Mout	Mouel		3000IE/S/G	300011E/S/G	3000IIIE/S/G	3000IVE/S/G	
Number o	f roller		1	2	3	4	
Roller size	Diameter	mm	800	800	800	800	
noller Size	Length	mm	3000	3000	3000	3000	
Ironing s	speed	m/min	1-10	5-15	10-25	15-30	
Ironing tem	perature	°C	180	180	180	180	
	Electric	Kw					
Comsumption	Steam	kg	90-110	190-220	280-330	360-440	
	Gas	Kcal	1000	2000	3000	4000	
	Supply	V/P/Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz	
Power	Motor	Kwh	1.1	1.5	2.2	2.2	
	Heater	Kwh	27	54	81	108	
	Width	mm	4200	4200	4200	4200	
Dimensions	Depth	mm	1500	2500	3400	4400	
	Height	mm	1300	1300	1300	1300	
Weig	ht	ka	1400	3400	3900	5600	

- Easy upgrade upon customer's need (two rolls to three, four, five rolls) 340 circumference angle, more energy efficient.
- Simple one-piece transmission structure reduces the fault point when pressed with the gravity and spring automatically activated when tight.
- Easy maintenance of elastic tapes, ensuring the quality of iron, dislocation ironing belt, make the fabric well ironed.
- Ball float trap drainage unblocked without steam pressure difference needed, ensure the normal drainage machine.
- Machine body adopts numerical control laser processing, ensures the parallelism of after installation and runs more smoothly.



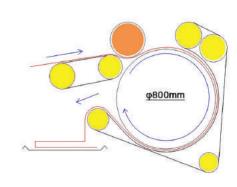
## CLEANTECH Technology of Japan

**COMMERCIAL** FLATWORK IRONER



Model		Unit	TO-Y- 3300IE/S/G	TO-Y- 3300IIE/S/G	TO-Y- 3300IIIE/S/G	TO-Y- 3300IVE/S/G
Number o	f roller		1	2	3	4
Dollar aiza	Diameter	mm	800	800	800	800
Roller size	Length	mm	3300	3300	3300	3300
Ironing s	peed	m/min	1-10	5-15	10-25	15-30
Ironing tem	perature	°C	180	180	180	180
	Electric	Kw				
Comsumption	Steam	kg	100-120	210-240	310-360	380-480
	Gas	Kcal	1000	2000	3000	4000
	Supply	V/P/Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz	380V/3P/50Hz
Power	Motor	Kwh	1.1	1.5	2.2	2.2
	Heater	Kwh	27	54	81	108
	Width	mm	4500	4500	4500	4500
Dimensions	Depth	mm	1500	2500	3400	4400
	Height	mm	1300	1300	1300	1300
Weig	ht	kg	1600	3600	4200	6000

- Easy upgrade upon customer's need (two rolls to three, four, five rolls) 340 circumference angle, more energy efficient.
- Simple one-piece transmission structure reduces the fault point when pressed with the gravity and spring automatically activated when tight.
- Easy maintenance of elastic tapes, ensuring the quality of iron, dislocation ironing belt, make the fabric well ironed.
- Ball float trap drainage unblocked without steam pressure difference needed, ensure the normal drainage machine.
- Machine body adopts numerical control laser processing, ensures the parallelism of after installation and runs more smoothly.



# **FEEDING**AUTOMATIC SHEET



Model		Unit	TO-SJ-3000	TO-SJ-3300
Max width		mm	3000	3300
Speed		m/min	50m/min	50m/min
Dower	Supply	V/P/Hz	380V/3P/50Hz	380V/3P/50Hz
Power	Motor	Kwh	5.71	5.71
	Width	mm	4450	4450
Dimensions	Depth	mm	1200	1200
	Height	mm	1550	1550
Weight		kg	1120	1140

- Arranged in the front of the ironing machine to prevent work injuries, reduce operating costs and increase profits
- Reduce labor intensity, number of workers and manual operation cost
- High speed automatic feeding, save time, improve work efficiency, increase production more than 50%
- Simultaneous suction and air feeding, tightly sucking the quilt cover to prevent failure feeding of sheets or quilt



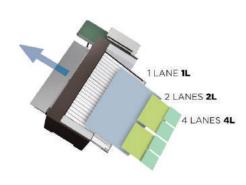


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**FOLDING**AUTOMATIC SHEET





Mo	del	Unit	TO-GD-3300
Number	of lane		1 to 4
Max	width	mm	3300
Sp	eed	m/min	50
Power	Supply	V/P/Hz	380V/3P/50Hz
POWEI	Motor	Kwh	2.8
	Width	mm	4420
Dimensions	Depth	mm	2800
	Height	mm	1800
We	ight	kg	1750

- Two primary fold + Three crossfolds
- Fold line up to 3300mm wide
- Automatic lane selection by size of item
- Automatically select correct number of primary folds and crossfolds by item size
- Full bypass capability to convey items through system without folding
- Push button variable speed can reach 60m/min to match feeder/ironer speed
- Advance electronics analyze size and compute folds without mechanical need
- Fold refusing function integrated if over length or over width occurs to avoid cloth jam
- Extra wide of first crossfold entrance easily adapting more linen
- First crossfold elastic roll for ease of access and maintenance
- Import clutch makes accurate stop
- Independent first crossfold drive runs only when necessary for less component wear
- Automatic alarm and stop at the first crossfold stuck linen

## **STACKER AUTO-REGULATION**





Мо	del	Unit	TO-D-1000
Quantity	of stack	pcs	1-5
Motor	power	Kw	0.29
Max	width	mm	1000
Air pro	Air pressure		0.55
	Width	mm	1100
Dimensions	Depth	mm	1480
	Height	mm	1000
We	ight	kg	800

- Automatic regulation according to the folding discharge range.
  Adjustable stacking process, maximum stacking 20 pieces
  Combined mode set in folding machine controller







- High efficiency
- Good quality with blowing function
- Equipped with spotting guns



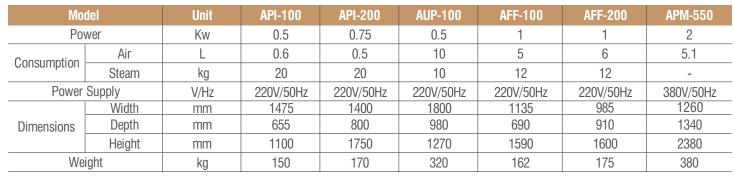
#### **PUFF IRON**

- High efficiency
- Blowing function, suitable for all kinds of clothing
- Equipped with utility to blow, spray steam and hot air, so clothes can instantly achieve a natural flat ironing effect



#### **UTILITY PRESS**

- The suction makes it easier to fix the clothes
- Strong blast heat is suitable for none-dry clothing
- The separate upper and lower pressing panel, vapors are evenly sprayed
- The inverter helps smoothly adjust the air volume









- Human body contouring mold
- Strong blast heat for none-dry clothing
- Foot pedal makes job easy
- Frequency inverter can smoothly adjust the air volume

#### **MULTIFUNCTION FORM FINISHER**

- Human body contouring mold
- Sleeve stretching and height adjustment for a variety of clothing
- Strong heat design for wet clothes
- Foot pedal makes job easy
- Frequency inverter can smoothly adjust the air volume



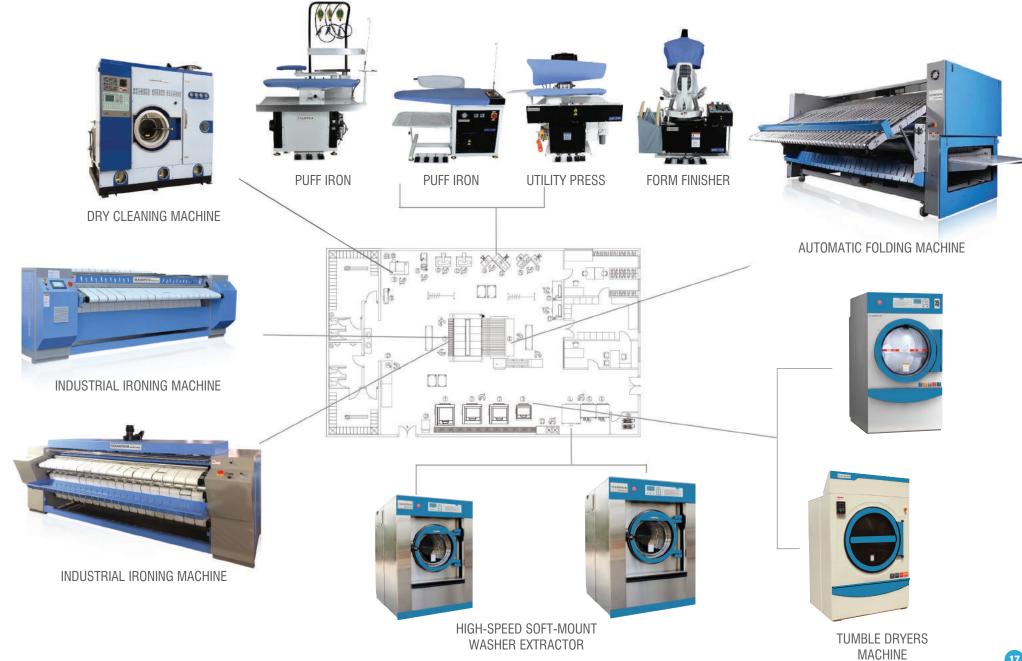
#### **AUTO PACKING MACHINE**

- Fully automatic packaging with screw conveyor
- Automatically determine length of packaging film against length of garment due to length sensing dêvice
- Innovative design dramatically increases packaging efficiency at speed up to 550pcs/hour
- Anti-static function

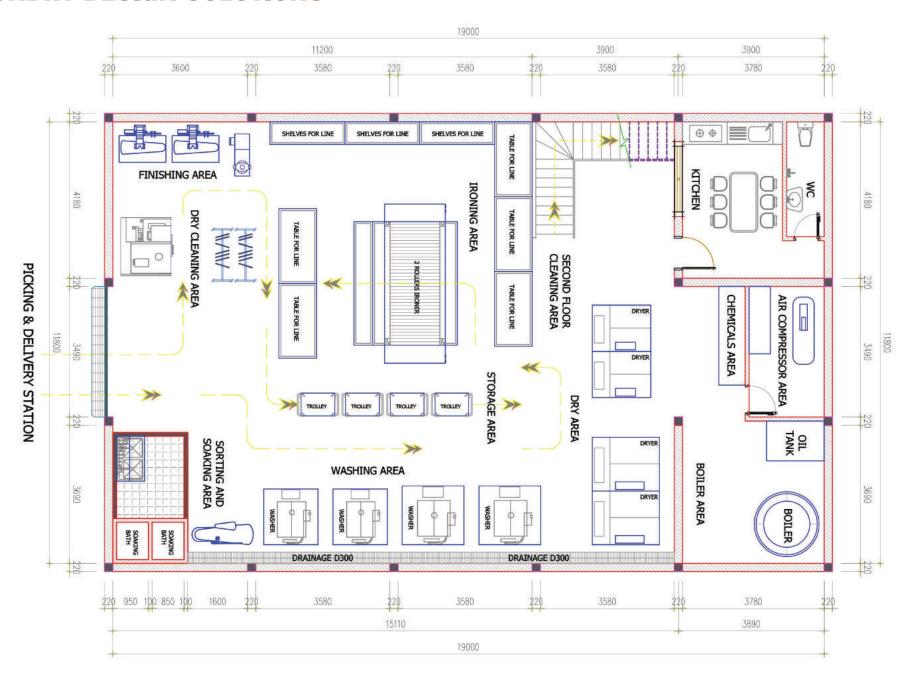
Mo	del	Unit	API-100	API-200	AUP-100	AFF-100	AFF-200	APM-550
Pov	wer	Kw	0.5	0.75	0.5	1	1	2
Consumption	Air	L	0.6	0.5	10	5	6	5.1
Consumption	Steam	kg/h	20	20	10	12	12	-
Power	Supply	V/Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	380V/50Hz
	Width	mm	1475	1400	1800	1135	985	1260
Dimensions	Depth	mm	655	800	980	690	910	1340
	Height	mm	1100	1750	1270	1590	1600	2380
We	ight	kg	150	170	320	162	175	380

#### CLEANTECH Technology of Japan 💽

## **LAUNDRY LAYOUT**



## **LAUNDRY DESIGN SOLUTIONS**



### **COUNTRIES EXPORTING TO**

Maldives

Mauritius

Morocco

Netherlands

Mexico

Estonia

Ethiopia

France

Georgia

Germany





Tunisia

UAE

Ukraine Vietnam

Turkmenistan

















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