



Solid Pumping solutions

Varisco presentation



Our purpose

Our industrial ideas
empower our customers
to grow and drive
their applications forward.
This is how we create
solid pumping solutions.





Varisco in numbers



Customers in **180** countries



120 employees



Established in **1932** Padua, Italy





Distribué par

TECH-POMPES

Les pompes du process
et de l'assainissement



Factory

Distribué par

TECH-POMPES

Les pompes du process
et de l'assainissement

 **varisco**
solid pumping solutions

Factory





Distribué par

TECH-POMPES

Les pompes du process
et de l'assainissement



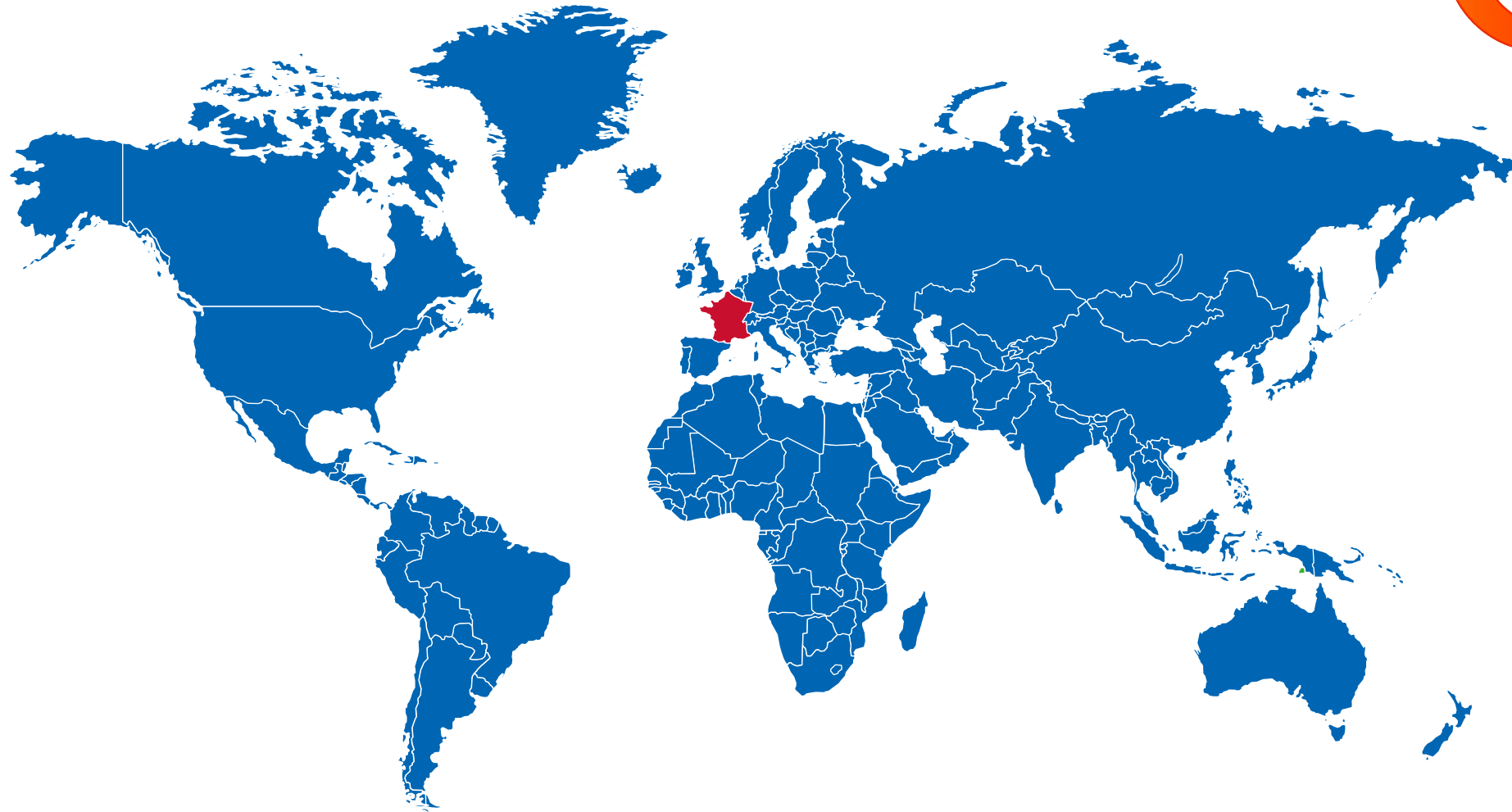
Factory



The Varisco Research
and Development Center



Worldwide distribution



—
Industry
Pumps



J SERIS Self-priming centrifugal Pumps



—

J SERIS

Self-priming centrifugal Pumps



Industry



Treatment



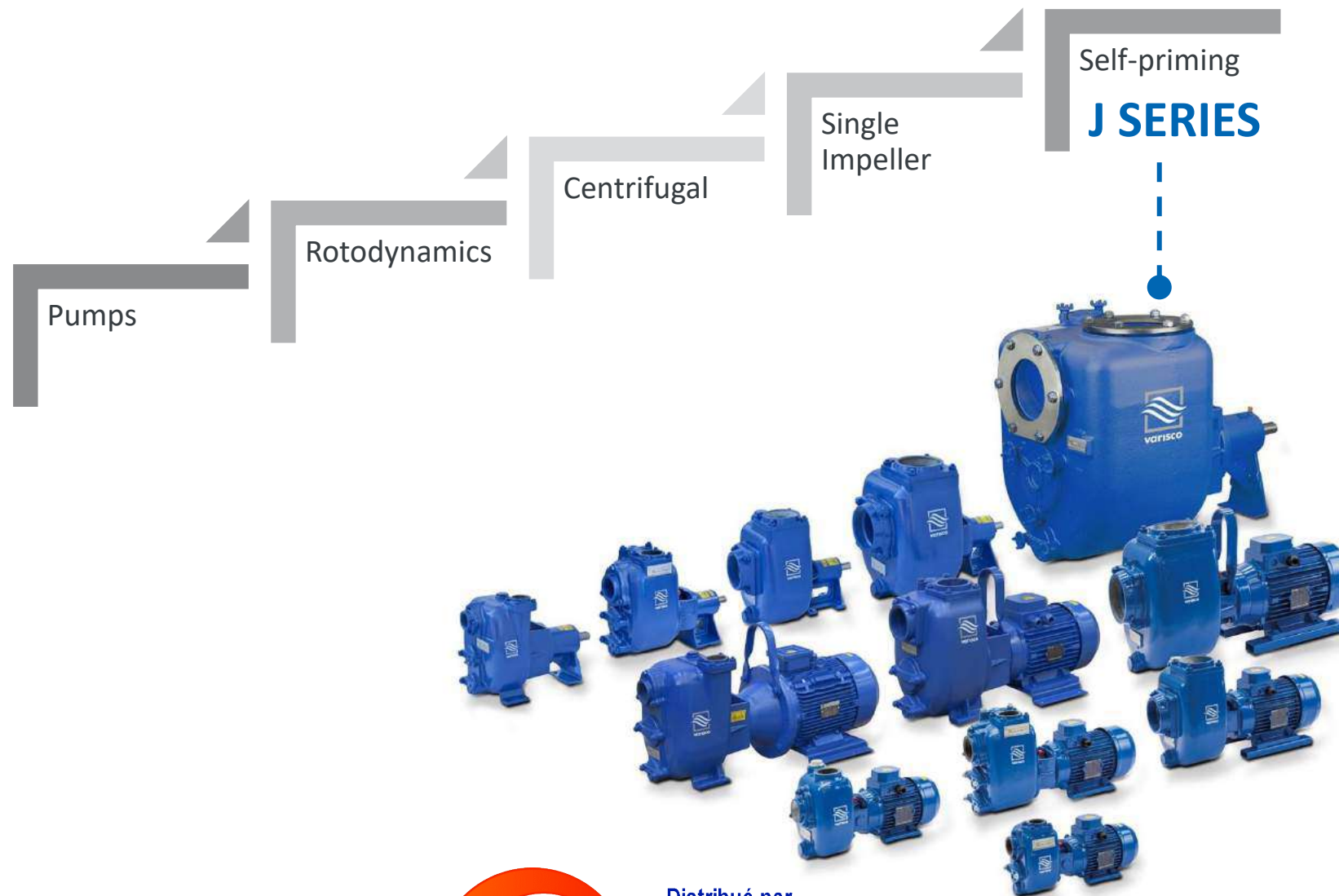
Naval



Agriculture



J SERIES Self-priming centrifugal Pumps



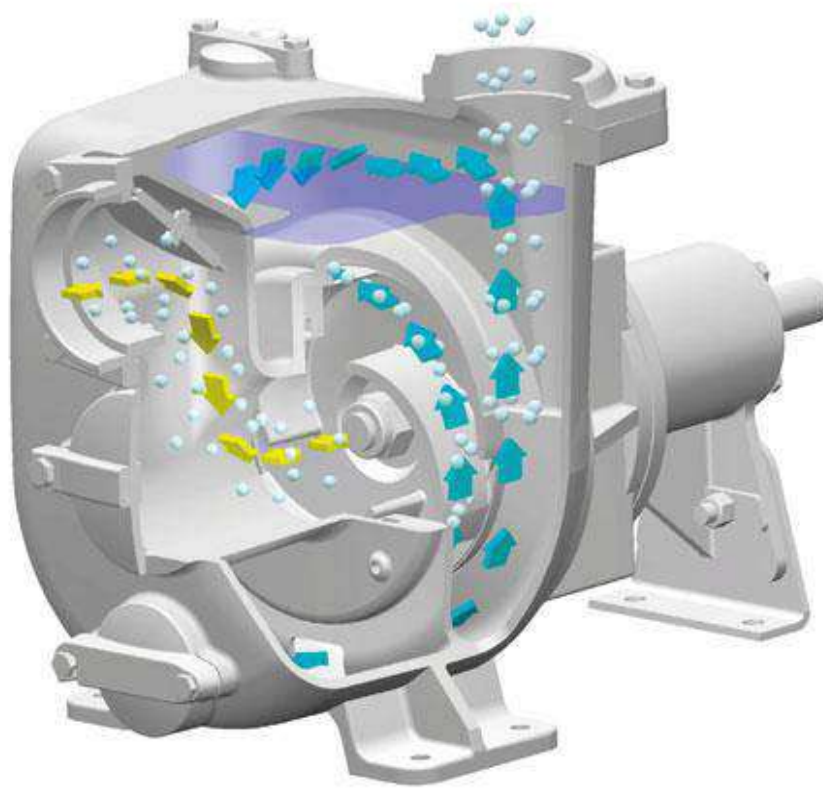
Distribué par
TECH-POMPES
Les pompes du process
et de l'assainissement



J SERIES

Wet prime system

- The system allows the unit to prime in any conditions through a first water fill.
- The liquid rings formed evacuate air for quick priming



1) Rapid self-priming

Without foot valve up to a height of 7.5 m (24.5 ft)

2) High resistance

To abrasive liquids which are turbid and sandy

3) Semi-open impeller

High thickness casting impact resistant

4) Wear plate

Easily replaceable cast iron wear plate, front to the impeller

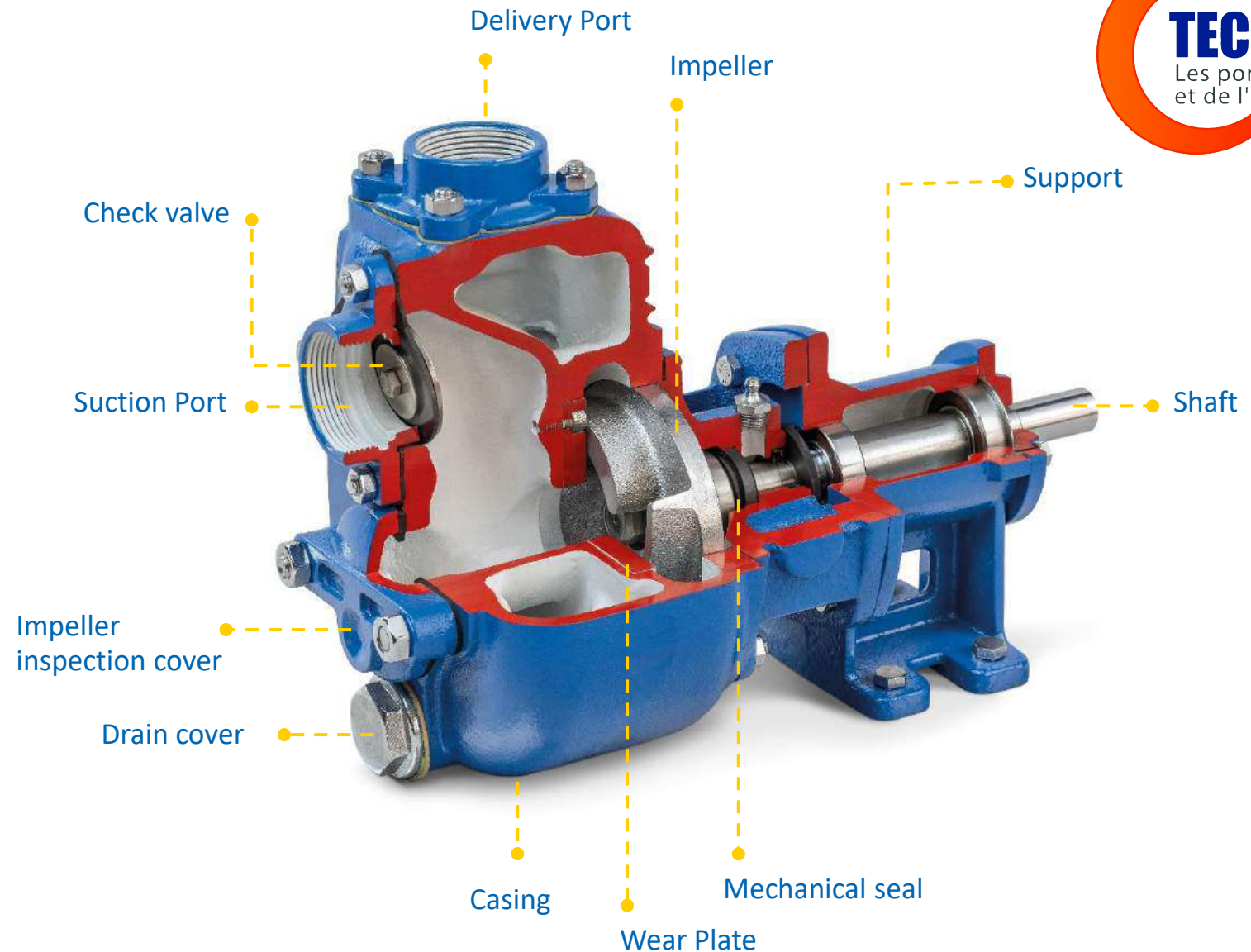
5) Easy maintenance

Removable front cover for direct access to the impeller



J SERIES PUMPS

are used in applications where a rapid priming capacity is required from demanding suction heights combined with the ability to transfer and manage polluted, dirty and abrasives fluids with suspended large diameter solids.



J SERIES OVERVIEW



JS PUMPS
Bare shaft



Standard IEC Motor
WEG W22 Premium

JE...NT PUMPS
Standard electric motor
(small sizes available from June 2021)



JE...ST PUMPS
Base plate



JO PUMPS
Hydraulic motor

Distribué par
TECH-POMPES
Les pompes du process
et de l'assainissement

 **varisco**
solid pumping solutions

J SERIES

Electrically-driven pumps



Model	Ports		Solids	50 Hz								60 Hz							
				Performance								Performance							
				Capacity			Head		Speed	Power	Capacity			Head		Speed	Power		
mm	in	mm	m ³ /h			m		rpm	kW	m ³ /h			m		rpm	kW			
J 1-110	40	1 1/2"	20	22	15	5	5.5	11	15	2900	1.1	23	15	5	7	18	21.5	3450	2.2
J 1-160	40	1 1/2"	8	20	12	5	11	22	28	2900	2.2	21	13	5	22	33	39	3450	4
J 1-180	40	1 1/2"	11	25	15	5	22	32	34	2900	4	25	15	5	34	48	48	3450	5.5
J 2-100	50	2"	18	30	20	8	2	8	13	2900	1.1	32	20	8	5	13	18	3450	2.2
J 2-120	50	2"	25	40	25	10	8	13	18	2900	2.2	44	25	10	13	22	26	3450	4
J 2-170	50	2"	13	44	30	10	14	24	33	2900	4	50	30	10	20	40	49	3450	7.5
J 2-180	50	2"	15	50	30	10	20	30	34	2900	5.5	50	30	10	34	44	48	3450	11
J 2-215	50	2"	14	46	25	10	42	52	27	2900	11	46	25	10	66	76	82	3450	18.5
J 3-100	80	3"	25	60	40	15	4	8	12	2900	2.2	70	45	15	5	12	17	3450	3
J 3-140	80	3"	28	80	40	20	10	17	19	2900	4	83	40	20	18	26	28	3450	7.5
J 3-180	80	3"	27	85	50	20	18	29	34	2900	7.5	85	50	20	33	45	48	3450	15
J 3-210	80	3"	40	95	60	20	5	11	15	1450	4	105	60	20	10	18	22	1750	7.5
J 3-225	80	3"	23	95	60	20	34	46	53	2900	15	-	-	-	-	-	-	-	-
J 3-240	80	3"	14	80	50	20	32	58	64	2900	18.5	80	50	20	64	86	90	3450	30
J 3-252	80	3"	14	95	60	20	51	65	72	2900	22	95	60	25	80	95	103	3450	37
J 3-305	80	3"	20	105	70	30	96	106	108	2900	55	-	-	-	-	-	-	-	-
J 4-100	100	4"	38	100	65	25	5	9	13	2900	4	110	70	20	8	13	18	3450	7.5
J 4-160	100	4"	45	150	100	40	12	22	24	2900	11	-	-	-	-	-	-	-	-
J 4-220	100	4"	45	130	90	40	6	11	14	1450	5.5	160	100	40	8	17	20	1750	7.5
J 4-225	100	4"	35	150	100	50	32	42	46	2900	22	-	-	-	-	-	-	-	-
J 4-250	100	4"	50	160	100	40	6	14	18	1450	7.5	160	100	40	12	22	26	1750	15
J 4-316	100	4"	38	170	110	50	18	26	29	1450	18.5	170	110	50	32	40	43	1750	30
J 6-250	150	6"	76	320	200	80	4	11	15	1450	11	340	200	80	8	18	22	1750	18.5
J 6-350	150	6"	37	310	180	80	18	30	33	1450	30	-	-	-	-	-	-	-	-
J 6-400	150	6"	50	380	240	80	22	34	37	1450	45	420	240	80	32	48	52	1750	75
J 8-300	200	8"	60	480	330	90	8	14	20	1450	22	510	330	90	14	24	29	1750	45
J 8-305	200	8"	76	420	270	90	5	11	17	1450	18.5	480	270	90	10	19	28	1750	30
J 10-305	250	10"	76	600	400	200	7	15	18.5	1450	30	600	400	200	17	24	28	1750	45
J 12-385	300	12"	76	1000	600	200	5	19	28	1450	55	-	-	-	-	-	-	-	-
J 12-400	300	12"	70	1200	720	300	8	12	15	960	55	1290	720	300	11	19	23	1150	90