









OCMIS IRRIGAZIONE is a public limited company. **OCMIS** was founded in 1970, with its initial production being based on the construction of precision mechanical parts and the production of irrigation machinery. The company at the start concentrated its resources on the production of **HOSE REEL IRRIGATORS** eventually establishing a position as world leader in this sector. Ocmis produces hose reel irrigators in a variety of models, which make up a range of machines suitable for any situation. Ocmis also produces pumps for tractors both for clean water and slurry as well as centrifugal pumps and overgears for thermal and electric motors.

The company demands and guarantees the highest standards of quality in the raw materials used and in the finished product.

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A continual process of product improvement has maintained the company's position as market leader both in Italy and the World. This result confirms the reliably of the company and together with a continual investment in production (such as welding and painting automatic systems) and information technology ensures that Ocmis enters the new century as a major player in its sector.







ibinternational.com.au











Mission

MISSION: To develop and increase the use of hard hose travelling irrigators, distinguishing ourselves from the rest through excellence and professionalism recognized by our customers who work with us throughout the world.

Invest in research of new and improved applications to optimize technological improvements with the objective to increase agricultural production while reducing input costs.





Values

VALUES: QUALITY POLICY. OCMIS' objective is to maintain the leadership position it holds in the irrigation industry in the short, mid and long-term. Maintaining the leadership role is contingent upon:

Research, development, investments, seeking to understand the market needs and those who operate our machines, while respecting the environment.







VIR4 · VIR5









M	OD.						VI	R4					
Ø	mm.	82	90	90	90	90	100	100	100	110	110	110	120
L	m.	500	380	400	470	500	330	360	390	300	330	350	270

M	OD.						VIR5					
Ø	mm.	100	100	110	110	110	120	125	125	125	135	140
L	m.	450	500	400	450	470	400	320	350	380	300	290











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M	OD.				VI	R6			
Ø	mm.	100	110	110	120	125	125	135	140
L	m.	600	500	550	460	400	440	380	350

L = Length











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M	OD.		- 3		. VI	R7	22		
Ø	mm.	100	110	120	125	125	135	140	150
L	m.	650	600	540	450	500	400	380	300

L = Length











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М	OD.					VI	R8				
Ø	mm.	110	110	120	120	125	125	135	140	140	150
L	m.	650	700	600	650	550	600	500	450	470	380

L = Length











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M	OD.					71			VII	10			- 2				
Ø	mm.	125	125	125	125	135	135	135	140	140	140	150	150	150	150	160	160
L	m.	650	700	720	750	600	650	700	500	550	600	450	500	550	600	440	480

L = Length



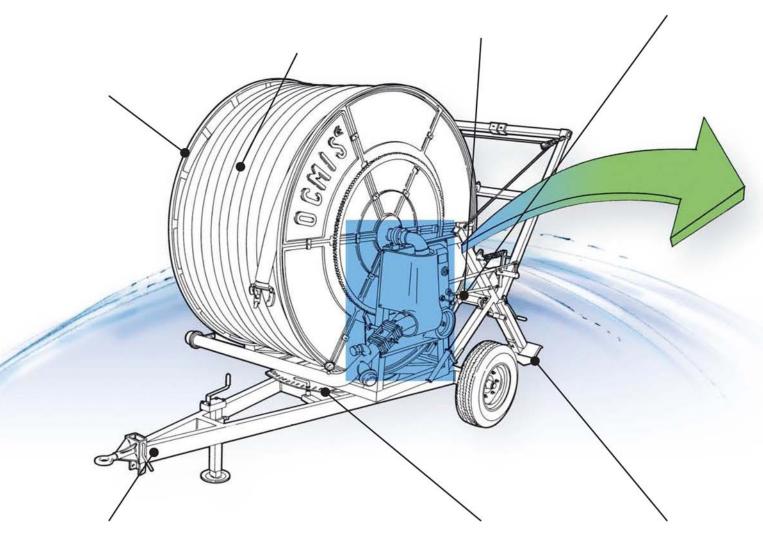


TURBO SPEED system

DRUM: engineered to guarantee maximum compactness of the structure. It is painted with epoxy primer and polyurethane compound paint using vanguard techniques.

PE HOSE: top quality PE hose manufactured to resist very heavy drags and very high working pressures. HOSE GUIDE SYSTEM: a scroll bar system guarantees a perfect layering of the polyethylene hose and reduces hose wear to a minimum.

HOSE-GUIDE FORKS: double rail forks prevent the hose guide system from any mis-alignment.



FRAME: the chassis is made of bolted sections, composed of strong steel beams electronically welded by robots and hot dipped galvanized.

TROLLEYS: sprinkler trolleys available in 2 wheel - 4 wheel or 5 wheel versions according to model. All have adjustable track.

Different versions of trolleys are available to meet the most varied work conditions.

TURNTABLES: turntables are mounted on large diameter ball bearings for easy rotation.

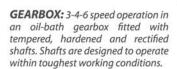
STABILIZING LEGS:

Large mechanical or hydraulic stabilizer legs which assure stability to the machines even in the toughest working conditions. A sturdy hydraulic choke-flow turbine is at the heart of every **OCMIS** irrigator. Thanks to the unique Turbo Speed System, OCMIS travelers have reached the highest levels of reliability, performance and functional operation unparalleled in the industry.

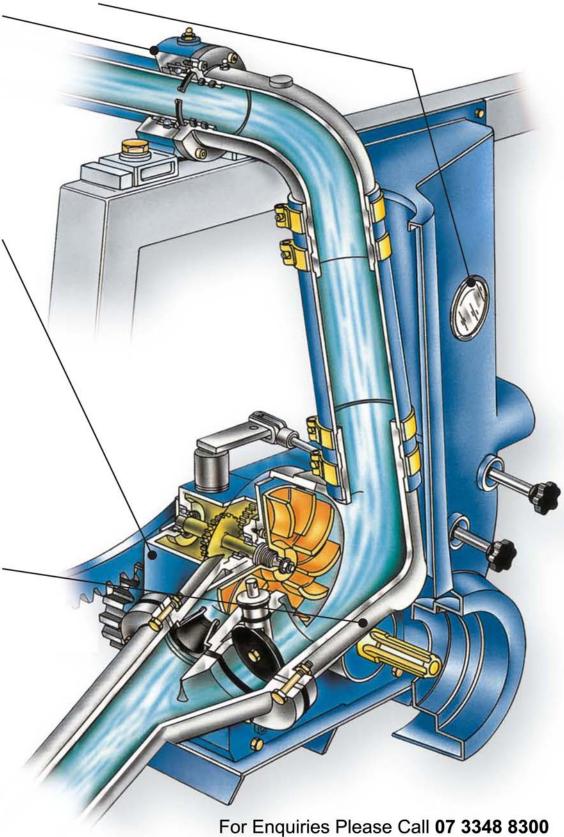
TACHOMETER: tachometer is a standard accessory to the irrigator, starting from structure R2/1. Retraction speed can be instantly read-out.

DRUM SUPPORTS:

Large water proof bearings for longer drum life – proven to last forever.



TURBINE: choke-flow turbine, having an outlet perpendicular to the by-passed entry. The turbine impeller is mounted directly onto the inlet shaft of gearbox. This advance design system reduces the head losses to give a wider speed range even when the flow and the inlet pressure of the machine are low.







COMPUTERS

COMPUTER GOLDEN RAIN



The Computer Golden Rain requires programming the desired working speed in mt/h or ft/h The monitor then indicates:

- Meters/feet of unwound hose.
- Remaining working time in hours and minutes.

COMPUTER AQUA SYSTEM



The Computer Aqua System features the following programmable functions:

- Working speed in mt/h or ft/h.
- Delayed start (in minutes) before retraction starts.
- Delayed stop (in minutes) before opening or closing the discharge valve (optional) or the shut-off valve (optional). This function allows a delay to the water shut-off when the gun-cart is in the stopped/end position.

The monitor then indicates:

- Meters/feet of unwound hose.
- Remaining working time in hours and minutes.
- Working speed in mt/h or ft/h.

COMPUTER RAIN CONTROL



MODEM GSM



The Computer Rain Control features the following programmable functions:

- Working speed in mt/h and ft/h
- Working time
- Choose the amount of precipitation (in mm or inches) to be applied (this feature only available when equipped with optional flow meter)
- Delayed start (in minutes) before retraction starts.
- Delayed stop (in minutes) before opening or closing the discharge valve (optional) or the shut-off valve (optional). This function allows a delay to the water shut-off when the gun-cart is in the stopped/end position.
- 4 working zones with different speeds per irrigation run
- 4 working zones with different application rates per irrigation run (only if the machine is equipped with optional flow meter).

The monitor then indicates:

- Meters/feet of unwound hose and hose pulled in.
- Day and time of completion.
- Flow in lit/min (gpm) and m3/h (only if the machine is equipped with flow meter which is optional).
- Working speed in mt/h or ft/h.
- Automatic shut-down in case of mechanical failure or incorrect settings.

Rain Control Computer can also be connected to a GSM modem for monitoring and data transmission alarm. The modem can contact 3 pre-set cell phone numbers showing the following failures:

- No pressure.
- Working speed problems.
- End of the run.

The operator can send a text message to the modem and control all the working parameters of the machine. In addition, through the text message he can shut-down the machine and receive a confirmation message.





ACCESSORIES

1) DISCHARGE VALVE

Discharge membrane valve for automatic shut-off of the engine pump (pump must have low pressure shut-off).

2) SHUT-OFF VALVE

This valve is operated by a water piston or by an electric piston for a slow water shut-off at machine inlet.

3) MECHANICAL ROTATION OF THE REEL operated by a hand-crank gear for easy positioning of the drum.











7) HYDRAULIC TURNTABLE, TONGUE JACK AND GUN CART LIFT/STABILIZERS operated by a spool valve using tractor hydraulics (or engine if engine drive) for rotating reel, adjusting tongue jack height and lowering/raising gun-cart and stabilizer legs. Ideal for positioning big machines under extreme working conditions.

8) OFF-SET TROLLEY

5 wheel off-set trolley. Ideal for avoiding hose damage to certain crops and standard on most 4 wheel chassis machines.

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4) BLOW-OUT COMPRESSOR

This enables you to empty the largest hose reels within 2-4 minutes, thus making them easy to transport.

5) UNDER-FOLIAGE EXTENSION

Extension for under-foliage irrigation with irrigation jet nozzles ideal for orchards and slurry.

6) ENGINE DRIVE MACHINE optional hydraulic engine for winding in the hose on the drum (with or without turbine).















DIMENSIONS

MOD.	A cm.	A inch.	B cm.	B inch.	C cm.	C inch.	D cm.	D inch.	E cm.	E inch.	F cm.	F inch.	G cm.	G inch.	H cm.	H inch.
VR4	387	152,4	332	130,7	328	129,1	270	106,3	224	88,2	266	104,7	246	96,9	315	124,0
VR5	359	141,3	366	144,1	324	127,6	301	118,5	230	90,6	260	102,4	280	110,2	340	133,9
VR6	359	141,3	395	155,5	353	139,0	330	129,9	230	90,6	260	102,4	309	121,7	350	137,8
VR7	364	143,3	403	158,7	359	141,3	335	131,9	240	94,5	260	102,4	309	121,7	350	137,8
VR8	520	204,7	435	171,3	400	157,5	369	145,3	220	86,6	243	95,7	334	131,5	470	185,0

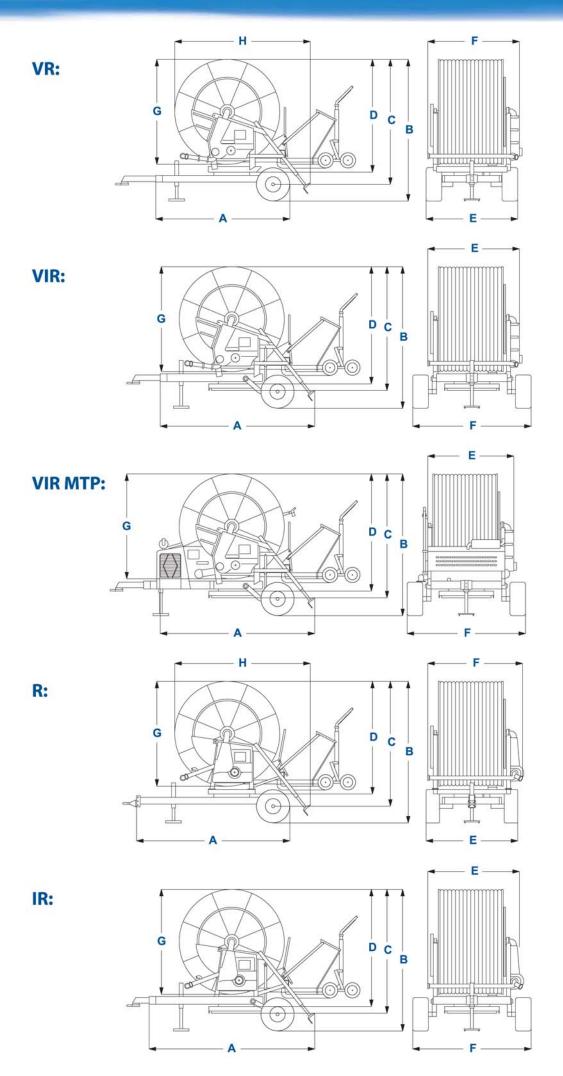
MOD.	A cm.	A inch.	B cm.	B inch.	C cm.	C inch.	D cm.	D inch.	E cm.	E inch.	F cm.	F inch.	G cm.	G inch.
VIR4	346	136,2	334	131,5	294	115,7	276	108,7	216	85,0	266	104,7	246	96,9
VIR5	378	148,8	366	144,1	329	129,5	304	119,7	260	102,4	280	110,2	280	110,2
VIR6	390	153,5	395	155,5	358	140,9	333	131,1	260	102,4	280	110,2	309	121,7
VIR7	436	171,7	395	155,5	362	142,5	336	132,3	260	102,4	282	111,0	309	121,7
VIR8	470	185,0	430	169,3	389	153,1	364	143,3	218	85,8	285	112,2	334	131,5
VIR10	514	202,4	451	177,6	419	165,0	396	155,9	242	95,3	303	119,3	363	142,9

MOD.	A cm.	A inch.	B cm.	B inch.	C cm.	C inch.	D cm.	D inch.	E cm.	E inch.	F cm.	F inch.	G cm.	G inch.
VIR5M	420	165,4	366	144,1	329	129,5	312	122,8	269	105,9	280	110,2	280	110,2
VIR6M	430	169,3	395	155,5	358	140,9	341	134,3	260	102,4	280	110,2	309	121,7
VIR7M	450	177,2	395	155,5	362	142,5	345	135,8	260	102,4	282	111,0	309	121,7
IR4M	530	208,7	428	168,5	401	157,9	388	152,8	245	96,5	316	124,4	369	145,3
IR4M/1	530	208,7	438	172,4	411	161,8	398	156,7	245	96,5	316	124,4	369	145,3

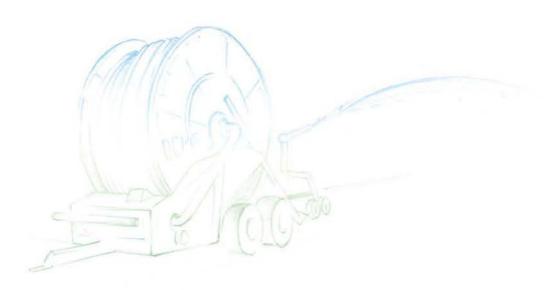
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R1 /1	310	122,0	230	90,6	190	74,8	184	72,4	170	66,9	185	72,8	169	66,5	215	84,6
R2	340	133,9	265	104,3	245	96,5	225	88,6	210	82,7	225	88,6	199	78,3	250	98,4
R2/1-R2/2	350	137,8	296	116,5	265	104,3	244	96,1	210	82,7	225	88,6	224	88,2	280	110,2
R3	370	145,7	305	120,1	286	112,6	265	104,3	210	82,7	225	88,6	246	96,9	280	110,2
R3 /1	370	145,7	315	124,0	297	116,9	276	108,7	210	82,7	225	88,6	246	96,9	280	110,2
R4	420	165,4	345	135,8	310	122,0	286	112,6	228	89,8	240	94,5	268	105,5	350	137,8
R4 /1	420	165,4	360	141,7	333	131,1	303	119,3	233	91,7	250	98,4	280	110,2	350	137,8
R4 /2	430	169,3	384	151,2	357	140,6	330	129,9	243	95,7	260	102,4	309	121,7	370	145,7

MOD.	A cm.	A inch.	B cm.	B inch.	C cm.	C inch.	D cm.	D inch.	E cm.	E inch.	F cm.	F inch.	G cm.	G inch.
IR1	330	129,9	308	121,3	311	122,4	266	104,7	220	86,6	248	97,6	246	96,9
IR2	338	133,1	338	133,1	309	121,7	285	112,2	220	86,6	255	100,4	268	105,5
IR2 /1	367	144,5	356	140,2	329	129,5	307	120,9	235	92,5	267	105,1	280	110,2
IR2 /2	392	154,3	383	150,8	355	139,8	332	130,7	240	94,5	274	107,9	309	121,7

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M	OD.						V	R4					
Ø	mm.	82	90	90	90	90	100	100	100	110	110	110	120
L	m.	500	380	400	470	500	330	360	390	300	330	350	270

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MOD. VR5												
Ø	mm.	100	100	110	110	110	120	125	125	125	135	140
L	m.	450	500	400	450	470	400	320	350	380	300	290

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M	OD.				V	R6			
Ø	mm.	100	110	110	120	125	125	135	140
L	m.	600	500	550	460	400	440	380	350

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M	OD.				V	R7			
Ø	mm.	100	110	110	120	125	125	135	140
L	m.	650	550	600	540	450	500	400	380

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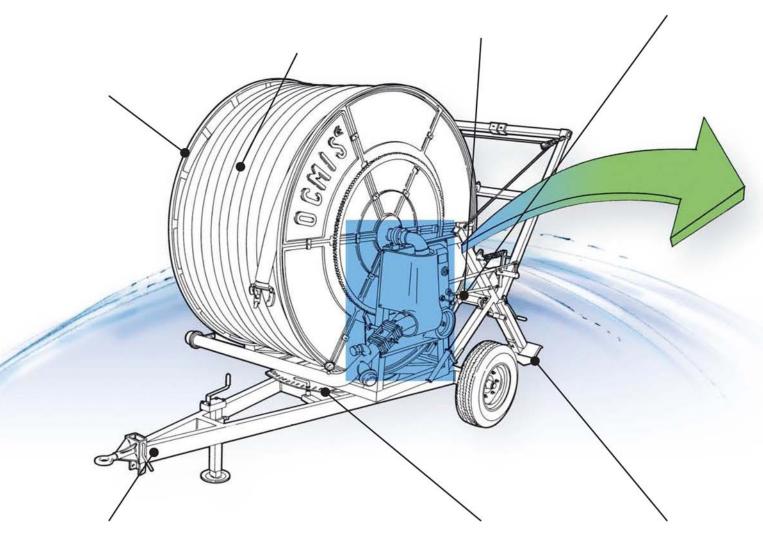


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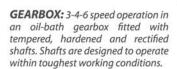
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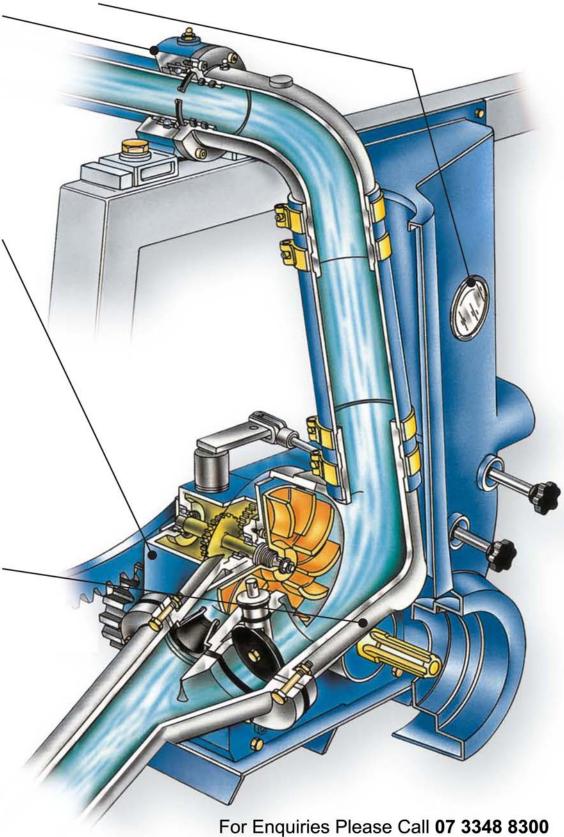
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VR5	359	141,3	366	144,1	324	127,6	301	118,5	230	90,6	260	102,4	280	110,2	340	133,9
VR6	359	141,3	395	155,5	353	139,0	330	129,9	230	90,6	260	102,4	309	121,7	350	137,8
VR7	364	143,3	403	158,7	359	141,3	335	131,9	240	94,5	260	102,4	309	121,7	350	137,8
VR8	520	204,7	435	171,3	400	157,5	369	145,3	220	86,6	243	95,7	334	131,5	470	185,0

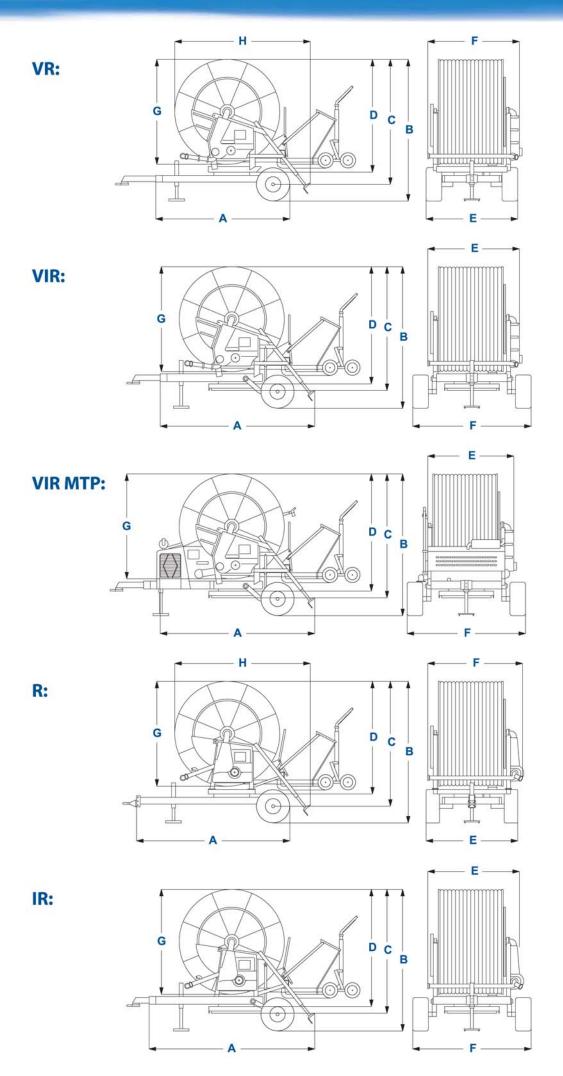
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VIR8	470	185,0	430	169,3	389	153,1	364	143,3	218	85,8	285	112,2	334	131,5
VIR10	514	202,4	451	177,6	419	165,0	396	155,9	242	95,3	303	119,3	363	142,9

MOD.	A cm.	A inch.	B cm.	B inch.	C cm.	C inch.	D cm.	D inch.	E cm.	E inch.	F cm.	F inch.	G cm.	G inch.
VIR5M	420	165,4	366	144,1	329	129,5	312	122,8	269	105,9	280	110,2	280	110,2
VIR6M	430	169,3	395	155,5	358	140,9	341	134,3	260	102,4	280	110,2	309	121,7
VIR7M	450	177,2	395	155,5	362	142,5	345	135,8	260	102,4	282	111,0	309	121,7
IR4M	530	208,7	428	168,5	401	157,9	388	152,8	245	96,5	316	124,4	369	145,3
IR4M/1	530	208,7	438	172,4	411	161,8	398	156,7	245	96,5	316	124,4	369	145,3

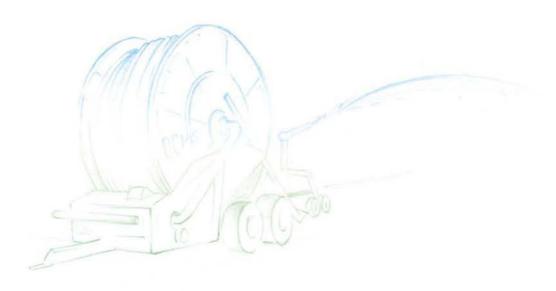
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R1 /1	310	122,0	230	90,6	190	74,8	184	72,4	170	66,9	185	72,8	169	66,5	215	84,6
R2	340	133,9	265	104,3	245	96,5	225	88,6	210	82,7	225	88,6	199	78,3	250	98,4
R2/1-R2/2	350	137,8	296	116,5	265	104,3	244	96,1	210	82,7	225	88,6	224	88,2	280	110,2
R3	370	145,7	305	120,1	286	112,6	265	104,3	210	82,7	225	88,6	246	96,9	280	110,2
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IR1	330	129,9	308	121,3	311	122,4	266	104,7	220	86,6	248	97,6	246	96,9
IR2	338	133,1	338	133,1	309	121,7	285	112,2	220	86,6	255	100,4	268	105,5
IR2 /1	367	144,5	356	140,2	329	129,5	307	120,9	235	92,5	267	105,1	280	110,2
IR2 /2	392	154,3	383	150,8	355	139,8	332	130,7	240	94,5	274	107,9	309	121,7

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