

TRAVELING IRRIGATORS

IU CRAWLER	Pg. 166
ROTRIX	Pg. 167 - 168
OCMIS	Pg. 169 - 173

IU CRAWLER
IU50
(Up to 40m lane spacing)


- Maximum capacity 18m³/h
- 200m x 3mm diameter galvanised cable
- 100m x 50mm OROFLEX lay flat hose
- Aluminium CAMLOCK male connection
- Solid 350mm rubber wheels
- Hose Reel
- Full hot dipped galvanised
- 1 x SIME JOLLY sprinkler

CODE	PRICE
R-IU50	On request
For Sprinkler Specifications see Page 130	

Average Run 8hr/200m @ 3 BAR

NOZZLE SIZE (in mm)	PRESSURE (BAR)	RADIUS (m)	FLOW (m ³ /h)	LANE SPACING (m)	APPLICATION PER RUN (mm)
10.00	2	19	6.4	26	8.0
	3	21	7.8	30	8.5
	4	22.5	9.0	36	8.5
	5	23.5	10.2	36	9.5
12.00	2	21	8.9	30	10.0
	3	23.5	10.9	36	10.0
	4	26	12.6	36	11.5
	5	28	14.2	30	16.0
14.00	2	22.5	11.8	36	11.0
	3	24	14.4	36	13.5
	4	27	16.7	36	15.5
	5	29	18.6	40	16.0

IU65
(Up to 50m lane spacing)


- Maximum capacity 35m³/h
- 200m x 4mm diameter galvanised cable
- 100m x 63mm OROFLEX lay flat hose
- Aluminium CAMLOCK male connection
- Solid 350mm rubber wheels
- Hose Reel
- Full hot dipped galvanised
- 1 x SIME SENIOR sprinkler

CODE	PRICE
R-IU65	On request
For Sprinkler Specifications see Page 134	

Average Run 8hr/200m @ 3 BAR

NOZZLE SIZE (in mm)	PRESSURE (BAR)	RADIUS (m)	FLOW (m ³ /h)	LANE SPACING (m)	APPLICATION PER RUN (mm)
16.00	2	24	14.8	36	14.0
	3	30	18.2	40	15.5
	4	34	21.0	45	16.0
	5	36	23.4	50	16.0
18.00	2	24	18.5	36	17.0
	3	32	22.7	45	17.0
	4	35	26.2	45	20.0
	5	38	29.2	50	20.0
20.00	2	25	22.5	36	21.0
	3	33	27.6	45	21.0
	4	37	31.9	45	23.0
	5	41	35.6	50	24.0

ROTRIX
RHINO


- Maximum capacity 35m³/h
- 300m x 5mm diameter galvanised cable
- 150m x 63mm Oroflex lay flat hose
- 2 x SIME Jolly sprinklers
- 4 to 1 ratio "manual and PTO hose winder"
- 36m wetted diameter
- 300m travel distance
- Standard 4 wheels and adjustable chassis
- 70mm PERROT Male connection

CODE	PRICE
R - RHINO	On Request
For Sprinkler Specifications see Page 130	

RAINMAKER


- Maximum capacity 35m³/h
- 200m x 5mm diameter galvanised cable
- 100m x 63mm Oroflex lay flat hose
- 2 x SIME Jolly sprinklers
- 4 to 1 ratio "manual hose winder"
- 36m wetted diameter
- 200m travel distance
- 70mm PERROT Male connection

CODE	PRICE
R - RAINMAKER	On Request
For Sprinkler Specifications see Page 130	

GREENKEEPER

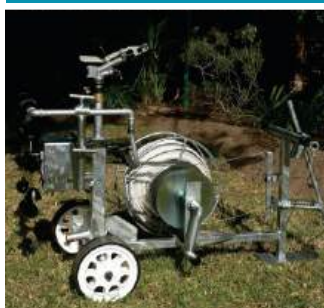

- Maximum capacity 16m³/h
- 200m x 4mm diameter galvanised cable
- 100m x 50mm Oroflex lay flat hose
- 1 x SIME Jolly sprinkler
- 4 to 1 ratio "manual hose winder"
- 36m wetted diameter
- 200m travel distance
- 50mm PERROT Male connection

CODE	PRICE
R - GREENKEEPER	On Request
For Sprinkler Specifications see Page 130	

CLUBMAN


- Maximum capacity 16m³/h
- 100m x 4mm diameter galvanised cable
- 50m x 50mm Oroflex lay flat hose
- 1 x SIME Jolly sprinkler
- 36m wetted diameter
- 100m travel distance
- 50mm PERROT Male connection

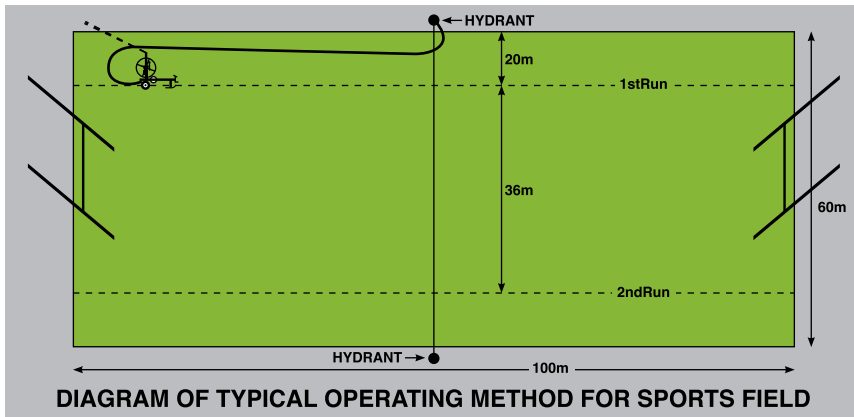
CODE	PRICE
R - CLUBMAN	On Request
For Sprinkler Specifications see Page 130	

SPORTSMAN


- Maximum capacity 6m³/h
- 120m x 3mm diameter galvanised cable
- 60m x 25mm Oroflex lay flat hose
- 1 x SIME Ibis sprinkler
- 26m wetted diameter
- 120m travel distance
- 25mm GEKA connection

CODE	PRICE
R - SPORTSMAN	On Request
For Sprinkler Specifications see Page 128	

ROTRIX



ADVANTAGES

- Labour saving system
- Low installation costs
- Irrigates large areas without supervision
- Water application can be well managed
- Irrigation done by one or two operators
- Can be used with existing pumps and mainlines
- Quick set - up times and easy to move between fields
- Can be safely stored away for security against theft
- Replaces quick coupling and drag line systems
- No hassles with blocked or damaged pop-up systems

SPORTSMAN (Average Run 5hr/120m)

NOZZLE SIZE (in mm)	PRESSURE (BAR)	RADIUS (m)	FLOW (m³/h)	LANE SPACING (m)	APPLICATION PER RUN (mm)
6.00	2	15	2.8	22	4.5
	3	17	3.4	24	5.0
	4	18	3.9	24	6.0
8.00	2	17	4.3	24	6.5
	3	18	5.2	24	7.5
	4	19	6.0	26	8.0

CLUBMAN / GREENKEEPER (Average Run 4hr/100m or 8hr/200m)

NOZZLE SIZE (in mm)	PRESSURE (BAR)	RADIUS (m)	FLOW (m³/h)	LANE SPACING (m)	APPLICATION PER RUN (mm)
10.00	2	19	6.4	26	8.0
	3	21	7.8	30	8.5
	4	22.5	9.0	36	8.5
	5	23.5	10.2	36	9.5
12.00	2	21	8.9	30	10.0
	3	23.5	10.9	36	10.0
	4	26	12.6	36	11.5
	5	28	14.2	30	16.0
14.00	2	22.5	11.8	36	11.0
	3	24	14.4	36	13.5
	4	27	16.7	36	15.5
	5	29	18.6	40	16.0

RAINMAKER

	NOZZLE SIZE	PRESSURE kPa	No. of NOZZLES	FLOW m³/h	LANE SPACING	AVERAGE APPLICATION mm		PRESSURE AT HYDRANT kPa	WETTED Dia m
						6 h RUN	12 h RUN		
IDEAL FOR GERMINATION OF SEED BEDS COMBINED WITH FASTER SPROCKET SET	9mm	300	2	10,6	36m	8,2	16,4	330	44
	10mm	300	2	13,2	36m	11,0	22,0	330	45
	11mm	300	2	16	36m	13,2	26,4	340	46
	12mm	300	2	20,4	36m	15,5	31,0	350	47
SMALL DROPLET POPULATION WITH GOOD RAIN CURTAIN	13mm	300	2	22.5	36m	18,1	36,2	360	49
	14mm	300	2	25.2	36m	21,3	42,6	360	50
	15mm	300	2	31,0	36m	24,1	48,2	380	51
	16mm	300	2	33,0	36m	25,8	51,6	430	51

WATER APPLICATION FORMULA

$$\text{Flow in m}^3/\text{h} = \frac{\text{mm} \times 10 \times \text{area (L} \times \text{W) m}}{10\,000 \times 0.85 (\text{efficiency}) \times t}$$

m³/h = Volume of Water supplied to Nozzles per Hour
t = Available time in hours per day and days per month to meet peak monthly irrigation requirement.
mm = Gross depth of water applied per peak month.

Area = Total area irrigated.
L = Length of land (m)
W = Width of land (m)

Note: Days per month is usually 25 to allow for downtime, etc.

The side panels are galvanised and powder coated with blue and white paint

The drum is supported by a big waterproof bearing increasing the drum life

Sprinkler trolley has four wheels on R2/2 and R2/1 models and comes with adjustable track on all machines

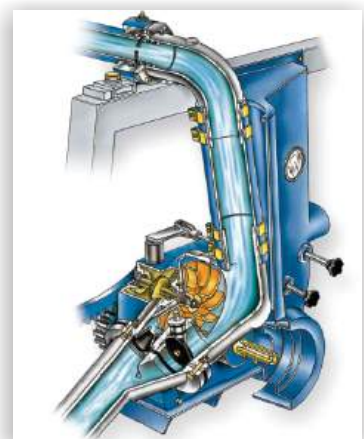
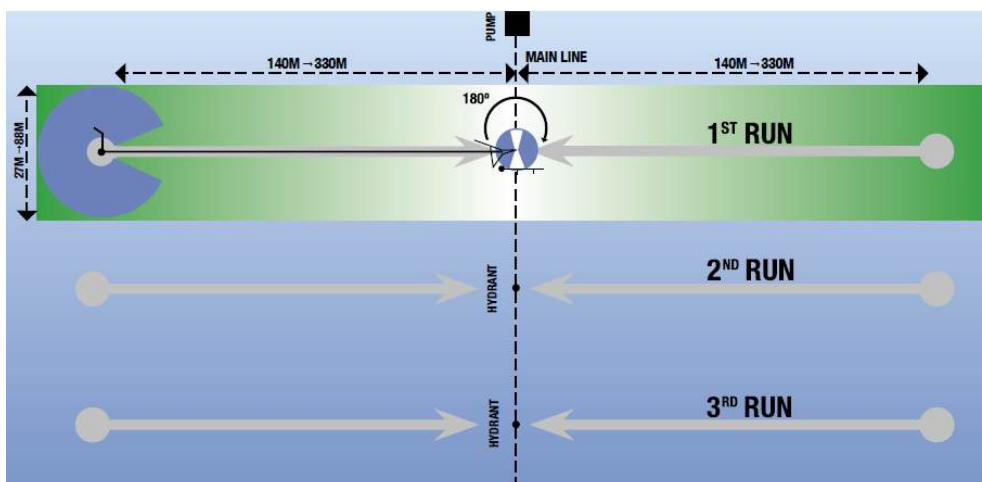
The drum and chassis are made of steel, hot-dip galvanised and entirely welded by robots

All machines are equipped with proper agricultural wheels



Model	Pipe Diameter	Pipe Length	Application	Irrigated HA/Week
R2/2	100mm	300m	Agriculture	± 30
R1/1	75mm	220m	Agriculture	± 20
MRR	58mm	200m	Agriculture	± 12
MR	40mm	130m	Sportsfields	± 3

For specifications on the above machines see pages 170 - 173



The choke flow turbine with the impeller mounted directly onto the inlet shaft of the gearbox reduces head losses and allows the machines to give wider speed range even when the flow and the inlet pressure of the machine is low.



OCMIS
MR (40/130)

OCMIS

A	B	C	D	E	F	G			GB
Nozzle	Pressure at the Rain-gun	Rain-Gun Throw	Recommended area to be irrigate 80%	Delivery	Irrigated Area	mth	mm	bar	Recommended Speed on the gearbox
						Working Speed	Rain rate in (mm)	Pressure inlet Machine	

G																			
F										mm DI PIOGGIA SULLA FASCIA IRRIGATA E PRESSIONE NECESSARIA ALLA MACCHINA									
BOCC		GIT.		FASCIA		Q = PORTATA		AREA		10		15		20		25		30	
IRR.	IRR.	IRR.	IRR.	CON.	CON.	Lt/Min	Lt/h	M3/h	POST.	mm	mmth	mm	mm	mm	mm	mm	mm	mm	mm
mm		mt	mtx80%						Ha	mmth	bar	mmth	bar	mmth	bar	mmth	bar	mmth	bar
8		2,0	17	27	57	3420	3,42	0,37	13	3,4	8	3,3	6	3,2	5	3,2	4	3,2	
		3,0	19	30	69	4140	4,14	0,42	14	4,7	9	4,6	7	4,5	5	4,5	5	4,5	
		4,0	20,5	33	80	4800	4,80	0,46	15	6,0	10	5,9	7	5,8	6	5,8	5	5,8	
9		2,0	17,5	28	71	4260	4,26	0,39	15	3,7	10	3,6	8	3,5	6	3,5	5	3,5	
		3,0	19,5	31	87	5220	5,22	0,44	17	5,2	11	5,1	8	5,0	7	5,0	6	5,0	
		4,0	21	34	100	6000	6,00	0,47	18	6,6	12	6,5	9	6,4	7	6,4	6	6,4	
10		2,0	18	29	88	5280	5,28	0,40	18	4,2	12	4,1	9	4,0	7	4,0	6	4,0	
		3,0	20,5	33	107	6420	6,42	0,46	20	5,8	13	5,7	10	5,6	8	5,6	7	5,6	
		4,0	22	35	124	7440	7,44	0,50	21	7,4	14	7,3	11	7,2	8	7,2	7	7,2	
12		2,0	19	30	127	7620	7,62	0,42	25	5,6	17	5,5	13	5,4	10	5,4	8	5,4	
		3,0	21	34	155	9300	9,30	0,47	28	7,7	18	7,6	14	7,5	11	7,5	9	7,5	

This data given is as an indication only. It is calculated on the basis of mathematical formulas and average working conditions of machines.
We decline any responsibilities connected with the use of this information. Updated on 12/2004.

- 40mm (OD) Hose X 130m Long



OCMIS

A	B	C	D	E	F	G				GB
Nozzle	Pressure at the Rain-gun	Rain-Gun Throw	Recommended area to be irrigate 80%	Delivery	Irrigated Area	Working Speed	mm	bar	Pressure inlet Machine	Recommended Speed on the gearbox

Standard nozzle size:
12, 14 and 16mm
Price on request due to
exchange rate

A		B	C	D	E		F	G																	
BOCC			GIT.	FASCIA Q = PORTATA			AREA	mm DI PIOGGIA SULLA FASCIA IRRIGATA E PRESSIONE NECESSARIA ALLA MACCHINA																	
IRR.		IRR.		CON.	LT/Min	M3/h	POST.	10		15		20		25		30		35		40		50		60	
								mm		mm		mm		mm		mm		mm		mm		mm		mm	
mm	bar	mt		mtx80%			Ha	mth	bar	mth	bar	mth	bar	mth	bar	mth	bar	mth	bar	mth	bar	mth	bar	mth	bar
12	2,0	20	32	152	9.120	9.12	0.67	29	3.5	19	3.4	14	3.3	11	3.3	10	3.3	8	3.2						
	3,0	24	38	182	10.920	10.92	0.82	28	4.7	19	4.6	14	4.5	11	4.5	9	4.5	8	4.4						
	4,0	27	43	211	12.660	12.66	0.94	29	6.0	20	5.9	15	5.8	12	5.8	10	5.8	8	5.7						
14	2,0	21	34	195	11.700	11.70	0.71	35	3.9	23	3.8	17	3.7	14	3.7	12	3.7	10	3.6	9	3.6				
	3,0	25	40	239	14.340	14.34	0.86	36	5.4	24	5.3	18	5.2	14	5.2	12	5.2	10	5.1	9	5.1				
	4,0	29	46	277	16.620	16.62	1.02	36	6.9	24	6.8	18	6.7	14	6.7	12	6.7	10	6.6	9	6.6				
	5,0	31	50	309	18.540	18.54	1.10	37	8.3	25	8.2	19	8.1	15	8.1	12	8.1	11	8.0	9	8.0				
16	2,0	22	35	247	14.820	14.82	0.75	42	4.5	28	4.4	21	4.3	17	4.3	14	4.3	12	4.2	11	4.2	8	4.2		
	3,0	26	42	303	18.180	18.18	0.90	44	6.2	29	6.1	22	6.0	17	6.0	15	6.0	12	5.9	11	5.9	9	5.9		
	4,0	30	48	351	21.060	21.06	1.06	44	8.0	29	7.9	22	7.8	18	7.8	15	7.8	13	7.7	11	7.7	9	7.7		

This data given is as an indication only. It is calculated on the basis of mathematical formulas and average working conditions of machines.
We decline any responsibilities connected with the use of this information. Updated on 12/2004.

- 58mm (OD) Hose X 200m Long





OCMIS

OCMIS
R1/1 (75/220)

OCMIS

A		B		C		D		E		F		G				GB		Standard nozzle size: 18, 20, and 22mm Price on request due to exchange rate													
Nozzle		Pressure at the Rain-gun		Rain-Gun Throw		Recommended area to be irrigate 80%		Delivery		Irrigated Area		Working Speed		Rain rate in (mm)		Pressure inlet Machine			Recommended Speed on the gearbox												
BOCC		GIT. FASCIA Q = PORTATA		AREA		mm DI PIOGGIA SULLA FASCIA IRRIGATA E PRESSIONE NECESSARIA ALLA MACCHINA																									
IRR.		IRR.		CONS. Lt/Min		M3/h		POST.		10 mm		15 mm		20 mm		25 mm		30 mm		35 mm		40 mm		50 mm		60 mm					
mm		bar		mt		mtx80%		Ha		mth		bar		mth		bar		mth		bar		mth		bar		mth		bar			
16		3,0	32	51	276	16.560	16,56	1,24	32	4,6	22	4,5	16	4,4	13	4,3	11	4,3	9	4,3	8	4,3									
		4,0	36	58	320	19.200	19,20	1,42	33	5,8	22	5,7	17	5,6	13	5,5	11	5,5	10	5,5	8	5,5									
		4,5	37	59	338	20.280	20,28	1,46	34	6,4	23	6,3	17	6,2	14	6,1	11	6,1	10	6,1	9	6,1									
		5,0	39	62	356	21.360	21,36	1,55	34	7,0	23	6,9	17	6,8	14	6,7	11	6,7	10	6,7	9	6,7									
		5,5	41	66	373	22.380	22,38	1,65	34	7,6	23	7,5	17	7,4	14	7,3	11	7,3	10	7,3	9	7,3									
		marce consigliate						3		2		2		1		1		1		1		1									
18		3,0	33	53	350	21.000	21,00	1,28	40	5,0	27	4,9	20	4,8	16	4,7	13	4,7	11	4,7	10	4,7	8		4,7						
		4,0	37	59	404	24.240	24,24	1,46	41	6,3	27	6,2	20	6,1	16	6,0	14	6,0	12	6,0	10	6,0	8		6,0						
		4,5	39	62	429	25.740	25,74	1,55	41	6,9	28	6,8	21	6,7	17	6,6	14	6,6	12	6,6	10	6,6	8		6,6						
		5,0	41	66	452	27.120	27,12	1,65	41	7,6	28	7,5	21	7,4	17	7,3	14	7,3	12	7,3	10	7,3	8		7,3						
		5,5	42	67	474	28.440	28,44	1,69	42	8,3	28	8,2	21	8,1	17	8,0	14	8,0	12	8,0	11	8,0	8		8,0						
		marce consigliate						3		2		2		2		1		1		1		1		1							
20		3,0	35	56	432	25.920	25,92	1,37	46	5,5	31	5,4	23	5,3	19	5,2	15	5,2	13	5,2	12	5,2	9		5,2		8		5,1		
		4,0	39	62	501	30.060	30,06	1,55	48	7,0	32	6,9	24	6,8	19	6,7	16	6,7	14	6,7	12	6,7	10		6,7		8		6,6		
		4,5	41	66	531	31.860	31,86	1,65	49	7,7	32	7,6	24	7,5	19	7,4	16	7,4	14	7,4	12	7,4	10		7,4		8		7,3		
		5,0	43	69	560	33.600	33,60	1,74	49	8,4	33	8,3	24	8,2	20	8,1	16	8,1	14	8,1	12	8,1	10		8,1		8		8,0		
		5,5	44	70	586	35.160	35,16	1,79	50	9,1	33	9,0	25	8,9	20	8,8	17	8,8	14	8,8	12	8,8	10		8,8		8		8,7		
		marce consigliate						3		3		3		2		2		1		1		1		1		1		1			
22		2,0	32	51	430	25.800	25,80	1,24	50	4,5	34	4,4	25	4,3	20	4,2	17	4,2	14	4,2	13	4,2	10		4,2		8		4,1		
		3,0	37	59	522	31.320	31,32	1,46	53	6,1	35	6,0	26	5,9	21	5,8	18	5,8	15	5,8	13	5,8	11		5,8		9		5,7		
		4,0	41	66	604	36.240	36,24	1,65	55	7,8	37	7,7	28	7,6	22	7,5	18	7,5	16	7,5	14	7,5	11		7,5		9		7,4		
		4,5	42	67	641	38.460	38,46	1,69	57	8,6	38	8,5	29	8,4	23	8,3	19	8,3	16	8,3	14	8,3	11		8,3		10		8,2		
		5,0	45	72	676	40.560	40,56	1,84	56	9,5	38	9,4	28	9,3	23	9,2	19	9,2	16	9,2	14	9,2	11		9,2		9		9,1		
		5,5	46	74	708	42.480	42,48	1,88	58	10,3	38	10,2	29	10,1	23	10,0	19	10,0	16	10,0	14	10,0	12		10,0		10		9,9		
		marce consigliate						3		3		3		2		2		2		2		1		1		1		1			

This data given is as an indication only. It is calculated on the basis of mathematical formulas and average working conditions of machines. We decline any responsibilities connected with the use of this information. Updated on 12/2004.

- 75mm (OD) Hose X 220m Long





OCMIS

OCMIS
R2/2 (100/300)



OCMIS

A		B		C		D	E	F		G				GB											
Nozzle		Pressure at the Rain-gun		Rain-Gun Throw		Recommended area to be irrigate 80%	Delivery		Irrigated Area		Working Speed	Rain rate in (mm)	Pressure inlet Machine	Recommended Speed on the gearbox											
mm DI PIOGGIA SULLA FASCIA IRRIGATA E PRESSIONE NECESSARIA ALLA MACCHINA																									
BOCC		FASCIA	Q = PORTATA		AREA																				
IRR.	IRR.	CON.	Lx/Min	M3/h	POST.	10	15	20	25	30	35	40	50	60											
mm	bar	mt	mtx80%		Ha	mm	mm	mm	mm	mm	mm	mm	mm	mm											
24	3.0	39	62	623	37.380	37.38	2.04	60	4.8	40	4.6	30	4.5	24	4.4	20	4.4	17	4.4	15	4.3	12	4.3	10	4.3
	4.0	44	70	720	43.200	43.20	2.35	61	6.4	41	6.2	31	6.1	25	6.0	20	6.0	18	6.0	15	5.9	12	5.9	10	5.9
	4.5	46	74	764	45.840	45.84	2.47	62	7.0	42	6.8	31	6.7	25	6.6	21	6.6	18	6.6	16	6.5	12	6.5	10	6.5
	5.0	48	77	806	48.360	48.36	2.60	63	7.7	42	7.5	31	7.4	25	7.3	21	7.3	18	7.3	16	7.2	13	7.2	10	7.2
	5.5	50	80	844	50.640	50.64	2.72	63	8.3	42	8.1	32	8.0	25	7.9	21	7.9	18	7.9	16	7.8	13	7.8	11	7.8
	marce consigliate							2.2	3.1	2.2	3.1	3.1	1.2	1.2	2.1	2.1	2.1	2.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1
26	3.0	41	66	732	43.920	43.92	2.17	67	5.4	45	5.2	33	5.1	27	5.0	22	5.0	19	5.0	17	4.9	13	4.9	11	4.9
	4.0	46	74	846	50.760	50.76	2.47	69	6.8	46	6.6	34	6.5	28	6.4	23	6.4	20	6.4	17	6.3	14	6.3	11	6.3
	4.5	48	77	898	53.880	53.88	2.60	70	7.5	47	7.3	35	7.2	28	7.1	23	7.1	20	7.1	18	7.0	14	7.0	12	7.0
	5.0	51	82	946	56.760	56.76	2.78	70	8.2	46	8.0	35	7.9	28	7.8	23	7.8	20	7.8	17	7.7	14	7.7	12	7.7
	5.5	52	83	991	59.460	59.46	2.85	71	8.9	48	8.7	36	8.6	29	8.5	24	8.5	20	8.5	18	8.4	14	8.4	12	8.4
	marce consigliate							2.2	3.1	2.2	3.1	3.1	1.2	1.2	2.1	2.1	2.1	2.1	2.1	2.1	1.1	1.1	1.1	1.1	1.1
28	3.0	44	70	848	50.880	50.88	2.35	72	5.8	48	5.6	36	5.5	29	5.4	24	5.4	21	5.4	18	5.3	14	5.3	12	5.3
	4.0	48	77	981	58.860	58.86	2.60	77	7.3	51	7.1	38	7.0	31	6.9	26	6.9	22	6.9	19	6.8	15	6.8	13	6.8
	4.5	50	80	1040	62.400	62.40	2.72	78	8.1	52	7.9	39	7.8	31	7.7	26	7.7	22	7.7	20	7.6	16	7.6	13	7.6
	5.0	52	83	1096	65.760	65.76	2.85	79	8.9	53	8.7	40	8.6	32	8.5	26	8.5	23	8.5	20	8.4	16	8.4	13	8.4
	5.5	54	86	1149	68.940	68.94	2.97	80	9.6	53	9.4	40	9.3	32	9.2	27	9.2	23	9.2	20	9.1	16	9.1	13	9.1
	6.0	55	88	1202	72.120	72.12	3.04	82	10.4	55	10.2	41	10.1	33	10.0	27	10.0	23	10.0	20	9.9	16	9.9	14	9.9
	marce consigliate							2.2	3.1	2.2	3.1	3.1	1.2	1.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
30	3.0	46	74	974	58.440	58.44	2.47	79	6.3	53	6.1	40	6.0	32	5.9	26	5.9	23	5.9	20	5.8	16	5.8	13	5.8
	4.0	50	80	1.127	67.620	67.62	2.72	85	8.0	56	7.8	42	7.7	34	7.6	28	7.6	24	7.6	21	7.5	17	7.5	14	7.5
	4.5	52	83	1.195	71.700	71.70	2.85	86	8.8	57	8.6	43	8.5	34	8.4	29	8.4	25	8.4	22	8.3	17	8.3	14	8.3
	5.0	54	86	1.260	75.600	75.60	2.97	88	9.6	58	9.4	44	9.3	35	9.2	29	9.2	25	9.2	22	9.1	18	9.1	15	9.1
	5.5	55	88	1.320	79.200	79.20	3.04	90	10.4	60	10.2	45	10.1	36	10.0	30	10.0	26	10.0	23	9.9	18	9.9	15	9.9
	marce consigliate							3.2	4.1	2.2	3.1	3.1	3.1	3.1	1.2	1.2	1.2	1.2	1.2	2.1	2.1	2.1	2.1	2.1	2.1

This data given is as an indication only. It is calculated on the basis of mathematical formulas and average working conditions of machines. We decline any responsibilities connected with the use of this information. Updated on 12/2004.

- 100mm (OD) Hose X 300m Long

