



CABLE-LOGGING EQUIPMENT DATA

(Some Light & Medium Sized Haulers)




Comparative equipment specifications of brands available are a useful reference for those involved in purchasing new or used machinery.

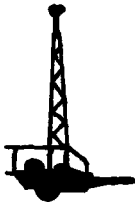


A schedule of brief specifications for a range of small and medium sized machines (15 kW to 150 kW rated power) for cable logging was presented at the 1978 LIRA Cable Hauling Seminar, and this has been updated to form this report. LIRA has in its library detailed specification sheets of all machines listed plus others not included. Some of the machines have established New Zealand agents but many listed have not.


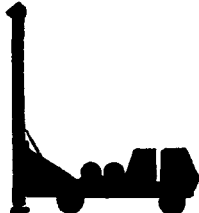

WARNING: Although the data shown has all been checked by the relevant manufacturers, readers should note that:- All data is subject to change by the manufacturers.

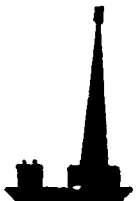
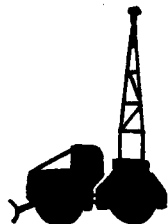

- Many offer options to the specifications of the units listed, including options on carrier type and other models.
- No specifications have been tested or confirmed by LIRA.
- Costs shown are approximate as at March 1979.




NOTE: "ina" indicates - information not available.


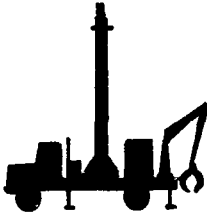

MANUFACTURER:	DISPATCH	DISPATCH	RMS
MODEL:	2319	1971	ECOLOGGER 1
Indicative Outline (Not to Scale)			
Rated Power Requirement (kW)	50	75 to 100	93 to 104
Winch Drive Type	Gear Train	Gear Train	Geared
Undercarriage	Skid Mounted	Skid Mounted	2 axles: Self prop.
Carrier Type	Nil	Nil	Skidder
Drums, Rope sizes & lgths. (mm/m)	Skyline: 14/450 Main: 9/680 Tail: 9/990 Straw: 9/1030	Main: 19/600 Tail: 13/1450 Straw: 8/1300	Main: 18/380 Tail: 14/550 Straw: 8/747
Max. Main Drum Rope Pull- Bare Drum (kg)	ina	ina	18180
Main Rope Speed Range (m/s)	ina	ina	to 6.1
Spar (m)	Nil	Nil	12.8 steel
Overall Length - travel (m)	3.66	3.35	12.8
Overall Width - travel (m)	2.04	2.46	3.1
Overall Height - travel (m)	1.60	2.16	ina
Total Weight (tonnes)	4.5	4.5	17.0
Approx. Cost with Ropes F.O.B. at nearest port, (\$NZ)	\$45,400	\$65,500	\$75,600 plus skidder
Country of Manufacture	New Zealand	New Zealand	Canada

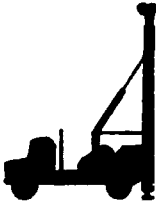


MANUFACTURER:	IGLAND-JONES	IWATE-FUJI	IWATE FUJI
MODEL:	TRAILER ALP	Y - 28E	Y - 52E
Indicative Outline (Not to Scale)			
Rated Power Requirement (kW)	48	38	69
Winch Drive Type	Geared	Gear Train	Gear Train
Undercarriage	1 axle : towed	Skids	Skids
Carrier Type	Trailer	Nil	Nil
Drums, rope sizes & lgths. (mm/m)	Skyline: 18/800 Main : 9/650 Tail : 9/650 Straw: 3/1300	Main : 10/1000 Tail : 10/1000 Endless : 12	Main : 14/1500 Tail : 14/1120 Endless : ina
Max. Main Drum Rope Pull - Bare Drum (kg)	ina	2500	5110
Main Rope Speed Range (m/s)	3.0 to 4.6	1.4 to 4.0	1.2 to 7.3
Spar (m)	7.2 steel	Nil	Nil
Overall Length - travel (m)	ina	2.89	4.67
Overall Width - travel (m)	1.96	1.69	2.24
Overall Height - travel (m)	3.82	1.13	1.53
Total Weight (tonnes)	4.2	1.70	5.00
Approx. Cost with Ropes F.O.B. at nearest Port. (\$NZ)	\$4C,400	\$16,200	\$38,100
Country of Manufacture.	United Kingdom	Japan	Japan

MANUFACTURER:	KOLLER	KOLLER	UNITEC
MODEL:	K300	K800	LITTLE GIANT
Indicative Outline (Not to Scale)			
Rated Power Requirement (kW)	30	111	85 to 125
Winch Drive Type	Geared	Hydraulic	ina
Undercarriage	2 axles: Self prop	2 axles: self prop	2 axles: self prop
Carrier Type	Ag. Wheel Tractor	Truck	Skidder
Drums, rope sizes & lgths. (mm/m)	Skyline: 16/400 Main: 9.5/500	Skyline: 24/750 Main : 12/750 Tail : 12/750 Straw: 6.5/1100	Main : 19/503 Tail : 16/670 Straw : 6/730
Max. Main Drum Rope pull - Bare Drum (kg)	Ave. 1790	5400	18180
Mainrope Speed Range (m/s)	Ave. 3.2	Ave. 6.5	Up to 4.4
Spar (m)	6 steel	11 steel	12.8 steel
Overall Length - travel (m)	4.8	9.00	12.8
Overall Width - travel (m)	1.3	2.50	2.4
Overall Height - travel (m)	3.5	3.50	3.1
Total Weight (tonnes)	1.2 plus tractor	10.0 plus truck	14.5
Approx. Cost with Ropes F.O.B. at nearest port (\$NZ)	\$9,900 plus tractor	\$95,700 plus truck	\$51,700 plus skidder
Country of Manufacture	Austria	Austria	Canada

MANUFACTURER:	LOTUS	PEEWEE	NANSEI
MODEL:	PROTOTYPE	PROTOTYPE	K3C 240
Indicative Outline (Not to Scale)			
Rated Power Requirement (kW)	ina	82	30
Winch Drive Type	Hydrostatic	Hydrostatic	Gear Train
Undercarriage	Skid Mounted	2axles:self prop	Skid Mounted
Carrier Type	Nil	Skidder	Nil
Drums,rope sizes & lgths. (mm/m)	Skyline:16/400 Main : 9/400 Tail : 9/700	Main :13/427 Slackpulling: 13/427 Tail :13/790	Main: 12/500 Endless:10
Max.Main Drum Rope Pull - Bare Drum (kg)	2400	2721(Middrum)	ina
Mainrope Speed Range (m/s)	1.5 to 2.3	Ave. 3.8	Ave. 4.5
Spar (m)	8.65 steel	11.28 steel	Nil
Overall Length - travel (m)	11.4	9.35	3.4
Overall Width - travel (m)	2.41	3.06	1.6
Overall Height - travel (m)	2.20	3.71	1.3
Total Weight (tonnes)	ina	20.0	1.25
Approx.Cost with Ropes F.O.B. at nearest port. (\$NZ)	ina	ina	\$10,000
Country of Manufacture	New Zealand	U.S.A.	Japan

MANUFACTURER:	NANSEI	VINJE	STEYR
MODEL:	RK 75 DH100	K-1,200	TIMBER-VEYOR
Indicative Outline (Not to Scale)			
Rated Power Requirement (kW)	101	75	90
Winch Drive Type	Gear Train	Hydraulic	Hydraulic
Undercarriage	Skid Mounted	2axles:self prop	2 axles:self prop
Carrier Type	Nil	Ag.wheel tractor	Truck
Drums,Rope sizes & lgths. (mm/m)	Main :14/1600 Tail :12/2000 Endless:10	Endless Main : 10/2500 Aux.1 : 2/ ina Aux.2:3.5/ ina	Endless: chain / ina
Max. Main Drum Rope Pull - Bare Drum (kg)	ina	2000	6000
Mainrope Speed Range (m/s)	Ave. 6.9	0 to 3.8	To 1.4
Spar	Nil	Nil	Nil
Overall length - travel (m)	3.8	6.0	10.0
Overall width - travel (m)	2.7	2.5	2.5
Overall Height - travel (m)	1.8	3.0	4.0
Total Weight (tonnes)	4.7	10.0	13.5
Approx. Cost with Ropes F.O.B. at nearest port (\$NZ)	\$35,000	\$95,100	\$109,800
Country of Manufacture	Japan	Norway	Austria

MANUFACTURER:	TIMBERMASTER	WILHAUL	HINTEREGGER
MODEL:	4070	1347	URUS 1000-1.5
Indicative Outline (Not to Scale)			
Rated Power Requirement (kW)	51	97	25
Winch Drive Type	Geared	Geared	Gear Train
Undercarriage	2 axles:self prop	2 axles:selfprop	1 axle-towed
Carrier Type	Truck	Truck	Trailer
Drums,Rope sizes & lgths.(mm/m)	Skyline:13/450 Main : 9/400 Tail : 9/700 Straw:10/800	Skyline:19/442 Main :14/457 Straw: 9/900	Skyline:16/330 Main: 8/350 Tail: 7.5/700
Max. Main Drum Rope Pull - Bare Drum (kg)	4000	5954	1400
Mainrope Speed Range (m/s)	To 4.1	Ave.2.0	0.7 to 8.1
Spar (m)	7.6 steel	9.1 steel	5.0 steel
Overall Length - travel (m)	10.8	11.0	3.60
Overall Width - travel (m)	2.1	2.2	1.80
Overall Height - travel (m)	3.6	2.5	1.70
Total Weight (tonnes)	4.6 plus truck	10.3	2.0
Approx. Cost with Ropes F.O.B. at nearest port (\$NZ)	\$51,000 plus truck	\$63,500 plus truck	\$35,600
Country of Manufacture	New Zealand	New Zealand	Austria

MANUFACTURER:	HINTEREGGER	WYSSEN	WYSSEN
MODEL:	URUS 1300-3	W30	W200
Indicative Outline (Not to Scale)			
Rated Power Requirement (kW)	55	31	147
Winch Drive Type	Gear Train	Gear Train	Gear Train
Undercarriage	2 axles:self prop	Skid Mounted	Skid Mounted
Carrier Type	Truck	Nil	Nil
Drums,Rope sizes & lgths. (mm/m)	Skyline:22/430 Main:12/450 Tail:12/850 Straw: 5.5/850	Main:11/1646	Main:19/2896
Max. Main Drum Rope Pull - Bare Drum (kg)	2500	3700	15000
Mainrope Speed Range (m/s)	0.6 to 4.4	0.5 to 6.7	0.6 to 9.5
Spar (m)	8.7 steel	Nil	Nil
Overall Length - travel (m)	6.50	2.90	4.90
Overall Width - travel (m)	2.20	1.11	2.30
Overall Height - travel (m)	3.50	1.00	1.60
Total Weight (tonnes)	6.0 plus truck	1.2	6.8
Approx. Cost with Ropes F.O.B. at nearest port (\$NZ)	\$62,700 plus truck	\$31,300	\$177,700
Country of Manufacture	Austria	Switzerland	Switzerland

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