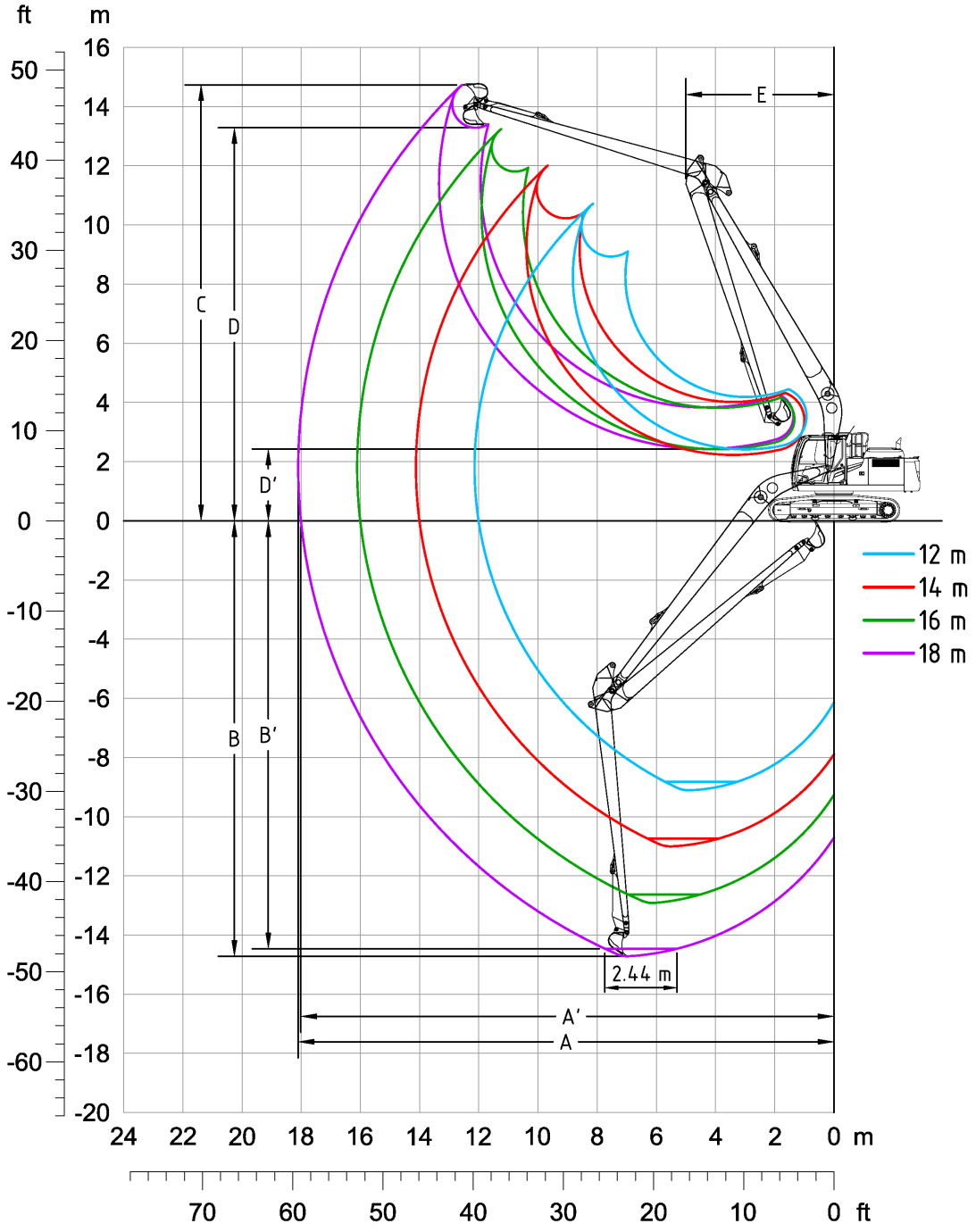
SPECIALISTS IN THE DESIGN AND MANUFACTURE OF CUSTOMISED EXCAVATOR EQUIPMENT

KOCUREK EXCAVATORS LTD

Long Reach 20-22t

12m Supply = 7.05m boom + 4.85m dipper + 20t Class Linkage (Bucket 1.0m³ R1.0m)
14m Supply = 8.10m boom + 6.00m dipper + 20t Class Linkage (Bucket 0.8m³ R1.0m)
16m Supply = 9.40m boom + 7.20m dipper + 13t Class Linkage (Bucket 0.8m³ R0.8m)
18m Supply = 10.50m boom + 8.20m dipper + 13t Class Linkage (Bucket 0.6m³ R0.8m)



Unit: mm

Equipment Outreach		12m	14m	16m	18m
A	Max. digging reach	12 140	14 120	16 110	18 100
A'	Max. digging reach (on ground)	12 010	14 010	16 010	18 010
B	Max. digging depth	9 110	11 010	12 920	14 720
B'	Max. digging depth for 2.44m level	8 820	10 740	12 630	14 460
C	Max. cutting height	10 720	12 000	13 240	14 730
D	Max. dumping height	8 930	10 220	11 800	13 280
D'	Min. dumping height	2 410	2 220	2 420	2 430
E	Min. swing radius	3 600	4 020	4 570	5 010

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Notes:

1. Ratings are based on ISO 10567. Capacities do not exceed 87% of hydraulic capacity or 75% of tipping capacity.
2. Lifting capacities are calculated at attachment pivot pin. Attachment not included in figures.
3. Rated loads marked "**underlined**" are limited by hydraulic capacity.

Rating over front Rating over side

12m Outreach

Conditions	Load point height (m)	At max. reach			Attachment pin horizontal distance from slew pivot											
					11.0 m		9.0 m		7.0 m		5.0 m		3.0 m		1.0 m	
				Reach (m)												
2.0t additional counterweight	8.0	2600	2600	9.22			2891	2891								
	6.0	2583	2583	10.31			3421	3421								
	4.0	2680	2680	10.92			3775	3775	4207	4207						
	2.0	2894	2894	11.14	3237	3148	4246	4165	5147	5147	7137	7137	5953	5953		
	0.0	3272	3085	11.00			4685	4023	5972	5592	8701	8701	4903	4903		
	-2.0	3941	3249	10.47			4940	3933	6437	5431	9298	8541	6853	6853	4853	4853
	-4.0	4519	3674	9.49			4841	3921	6416	5392	9072	8527	9601	9601	7082	7082
	-6.0	4895	4704	7.90					5700	5479	8000	8000	12315	12315		
Unit: kg	-8.0	5279	5279	5.13							5419	5419				

14m Outreach

Conditions	Load point height (m)	At max. reach			Attachment pin horizontal distance from slew pivot									
					13.0 m		11.0 m		9.0 m		7.0 m		5.0 m		3.0 m	
				Reach (m)												
2.0t additional counterweight	8.0	1939	1939	11.58			2436	2436								
	6.0	1954	1954	12.46			2614	2614	2680	2680						
	4.0	2032	2032	12.97			2839	2839	3098	3098	3536	3536				
	2.0	2178	2178	13.16	2425	2359	3120	3030	3599	3599	4462	4462	6331	6331	4655	4655
	0.0	2414	2292	13.03	2481	2301	3392	2913	4071	3824	5287	5287	7859	7859	3527	3527
	-2.0	2795	2363	12.59			3588	2827	4413	3676	5816	5089	8547	7995	4721	4721
	-4.0	3327	2558	11.80			3627	2791	4545	3604	5987	4990	8576	7916	6377	6377
	-6.0	3567	2968	10.56					4377	3615	5766	5008	8062	7999	8444	8444
	-8.0	3849	3849	8.70							5009	5009	6905	6905	10519	10519
Unit: kg	-10.0	4115	4115	5.61												

16m Outreach

Conditions	Load point height (m)	At max. reach			Attachment pin horizontal distance from slew pivot									
					15.0 m		12.5 m		10.0 m		7.5 m		5.0 m		2.5 m	
				Reach (m)												
2.0t additional counterweight	10.0	1527	1527	12.90			1765	1765								
	7.5	1524	1524	14.20			1907	1907								
	5.0	1583	1583	14.97			2085	2085	2279	2279						
	2.5	1707	1707	15.30	2010	1813	2332	2332	2736	2736	3500	3500	5334	5334		
	0.0	1916	1705	15.21	2177	1743	2587	2299	3192	3149	4358	4358	7173	7173	2019	2019
	-2.5	2263	1746	14.69			2783	2191	3535	2957	4910	4291	6500	6500	3306	3306
	-5.0	2534	1901	13.71			2844	2142	3680	2865	5086	4167	7636	7293	4744	4744
	-7.5	2761	2258	12.13					3542	2877	4865	4197	7262	7262	6411	6411
Unit: kg	-10.0	3040	3040	9.67							4110	4110	5976	5976	8462	8462

18m Outreach

Conditions	Load point height (m)	At max. reach			Attachment pin horizontal distance from slew pivot									
					17.0 m		14.0 m		11.0 m		8.0 m		5.0 m		2.0 m	
				Reach (m)												
2.0t additional counterweight	12.0	1207	1207	13.92												
	9.0	1178	1178	15.71			1444	1444								
	6.0	1213	1213	16.78			1571	1571	1726	1726						
	3.0	1308	1308	17.26	1510	1389	1774	1774	2117	2117	2786	2786	4512	4512		
	0.0	1478	1287	17.21	1676	1316	1995	1821	2529	2529	3616	3616	5185	5185		
	-3.0	1769	1311	16.62			2170	1698	2845	2382	4151	3611	4755	4755	2501	2501
	-6.0	1953	1444	15.43			2224	1645	2977	2278	4304	3473	5920	5920	3807	3807
	-9.0	2146	1775	13.47					2832	2301	4057	3526	6439	6439	5290	5290
Unit: kg	-12.0	2370	2370	10.33							3240	3240	4961	4961		