



Transfer Boxes

MODEL	NOMINAL RATING		MAX INPUT SPEED rpm	MAX INPUT TORQUE		OVERALL RATIO	DROP: INPUT - OUTPUT mm
	Kg	lbs		Nm	lb/ft		
TG300	74.5	100	3000	1890	1394	1:1	300
TG310	90	121	3000	2150	1586	1:1	300
TG375	112	150	3000	3280	2419	1:1	375
TG405	129	173	3000	4495	3315	1:1	405
WHEEL END DROP BOX	200	300	1500	2070	1527	5.425:1	475

ASPIRATION NOMENCLATURE

N	Naturally Aspirated
M	Mechanical high pressure fuel system
TC	Turbocharged
TG	Turbocharged, Genset
NG	Naturally Aspirated, Genset
TAG	Turbocharged Aftercooled Genset
TCA	Turbocharged and Aftercooled
TCAE	Turbocharged, Aftercooled and Electronic common rail
TCAG	Turbocharged, Aftercooled and Genset
TGWA	Turbocharged Genset Waterways Auxillary

Application specific ratings and options may be available, please contact your JCB distributor
Modular Hubs are available for all



JCB POWERTRAIN SUPPORT NETWORK



TRANSMISSION | ENGINE | AXLE | TRANSFER BOX



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Engines

STAGE II									
PRODUCT	MODEL	ASPIRATION	GROSS POWER		TORQUE		SPEED	EAT	
			kW	hp	Nm	lb/ft			
BASE	444 NA	NA	63	84	320	237	1200		N/A
BASE	444 TC	TC	74	99	430	318	1300		N/A
BASE	444 TCA	TCA	93	125	525	389	1300		N/A
BASE	672 TCAE	TCA	140	18	950	703	1400		N/A
BASE	672 TCAE	TCA	165	221	1017	753	1500		N/A
BASE	672 TCAE	TCA	190	255	115	851	1500		N/A
BASE	672 TCAE	TCA	212	284	1150	851	1400		N/A
IPU	444 NA	NA	63	84	320	237	1200		N/A
IPU	444 TC	TC	74	99	430	318	1300		N/A
IPU	444 TCA	TCA	93	125	525	389	1300		N/A

STAGE IIIA									
PRODUCT	MODEL	ASPIRATION	GROSS POWER		TORQUE		SPEED	D	
			kW	hp	Nm	lb/ft			
BASE	444 TC	TC	63	84	362	268	2200		iEGR
BASE	444 TC	TC	68	91	408	302	2200		iEGR
BASE	444 TCA	TCA	74	99	440	326	2200		iEGR
BASE	444 TCA	TCA	85	114	440	326	2200		iEGR
BASE	444 TCAE	TCA	97	130	532	394	2200		iEGR
BASE	444 TCAE	TCA	108	145	550	407	2200		iEGR
BASE	444 TCAE	TCA	120	161	655	485	2200		iEGR

IPU	444 TC	TC	63	84	362	268	2200		iEGR
IPU	444 TC	TC	68	91	408	302	2200		iEGR
IPU	444 TCA	TCA	74	99	440	326	2200		iEGR
IPU	444 TCAE	TCA	85	114	440	326	2200		iEGR
IPU	444 TCAE	TCA	97	130	532	394	2200		iEGR
IPU	444 TCAE	TCA	108	145	550	407	2200		iEGR
IPU	444 TCAE	TCA	120	161	655	485	2200		iEGR

TIER 4									
PRODUCT	MODEL		GROSS POWER		TORQUE		SPEED	EAT	
			kW	hp	Nm	lb/ft			
BASE	430 TCAE	TCA	55	74	440	326	2200		SCR+EGR
BASE	444 TCAE	TCA	55	74	400	296	2200		SCR+EGR
BASE	444 TCAE	TCA	68	91	431	319	2200		SCR+EGR
BASE	444 TCAE	TCA	81	109	513	380	2200		SCR+EGR
BASE	444 TCAE	TCA	93	125	550	407	2200		SCR+EGR
BASE	448 TCAE	TCA	108	145	560	414	2200		SCR+EGR
BASE	448 TCAE	TCA	129	173	690	511	2200		SCR+EGR
IPU	430 TCAE	TCA	55	74	440	326	2200		SCR+EGR
IPU	444 TCAE	TCA	55	74	400	296	2200		SCR+EGR
IPU	444 TCAE	TCA	68	91	431	319	2200		SCR+EGR
IPU	444 TCAE	TCA	81	109	513	380	2200		SCR+EGR
IPU	444 TCAE	TCA	93	125	550	407	2200		SCR+EGR
IPU	448 TCAE	TCA	108	145	560	414	2200		SCR+EGR
IPU	448 TCAE	TCA	129	173	690	511	2200		SCR+EGR

STAGE V										
PRODUCT	MODEL	ASPIRATION	GROSS POWER		TORQUE		SPEED	EAT		
			kW	hp	Nm	lb/ft				rpm
BASE	430 TCAE	TCA	55	74	440	326	2200		DOC+DPF+EGR	
BASE	448 TCAE	TCA	81	109	516	382	2200		DOC+SCRf NO EGR	
BASE	448 TCAE	TCA	97	130	550	407	2200		DOC+SCRf NO EGR	
BASE	448 TCAE	TCA	112	150	600	444	2200		DOC+SCRf NO EGR	
BASE	448 TCAE	TCA	129	173	690	511	2200		DOC+SCRf NO EGR	
IPU	430 TCAE	TCA	55	74	440	326	2200		DOC+DPF+EGR	
IPU	448 TCAE	TCA	81	109	516	382	2200		DOC+SCRf NO EGR	
IPU	448 TCAE	TCA	97	130	550	407	2200		DOC+SCRf NO EGR	
IPU	448 TCAE	TCA	112	150	600	444	2200		DOC+SCRf NO EGR	
IPU	448 TCAE	TCA	129	173	690	511	2200		DOC+SCRf NO EGR	

G-DRIVE										
EMISSIONS CERTIFICATION	MODEL	ASP	ELECTRICAL OUTPUT						SPEED	
			Prime	Standby	Prime		Standby			
			kVa	kWm	hp	kWm	hp	rpm		
NON EMISSIONED	444	TC	60	66	56	75	61	82	1500	
	444	NG	52	58	51	68	56	75	1800	
	444	TG	88	97	82	110	90	121	1800	
	444	TCAG	105	115	95	127	105	141	1800	
	448	TAG	129	142	120	161	132	177	1800	

STAGE II	444	NG	50	55	47	63	52	70	1500
	444	TG	60	66	56	75	62	83	1500
	444	TG	80	88	74	99	81	109	1500
	444	TAG	109	120	100	134	110	148	1500
	444	TCAG	127	139	117	157	128	172	1500
STAGE IIIA	448	TG	65	71	60	80	66	89	1500
	448	TG	79	87	73	98	80	107	1500
	448	TAG	100	111	92	123	101	135	1500
	448	TCAG	110	121	102	137	112	150	1500
	448	TCAG	131	144	121	162	133	178	1500
TIER 4F	444	TCAG	109	120	102	137	112	150	1800
	448	TCAG	130	143	121	162	132	177	1800
	444	TCAE	54	60	49	66	54	72	1800
	444	TCAE	80	88	73	98	81	109	1800
	448	TCAE	122	135	115	154	127	170	1800
IWA STAGE V	448	TGWA	65	71	60	80	66	89	1500
	448	TGWA	79	87	72	97	80	107	1500
STAGE V	430	TCAE	55	61	49	66	54	72	1500
	448	TCAE	80	89	71	95	79	106	1500
	448	TCAE	88	97	78	105	87	117	1500
	448	TCAE	93	103	85	114	94	126	1500
	448	TCAE	110	121	98	131	108	145	1500

Can be made in India

Axles

MODEL	DYNAMIC LOAD CAPACITY		STATIC LOAD CAPACITY		MAXIMUM LOCK ANGLE	MAXIMUM TORQUE OUTPUT CONTINUOUS		MAXIMUM TORQUE OUTPUT		FLANGE TO FLANGE DISTANCE
	Kg	lbs	Kg	lbs	Degrees	Nm	lb/ft	Nm	lb/ft	mm
S40 SERIES	4000	8800	12000	26500	97	-	-	-	-	1520
S55 SERIES	5500	12100	16500	36400	52	-	-	-	-	1840/1760
S80 SERIES	8000	17600	24000	53000	52	-	-	-	-	N/A
SD40 SERIES	5500	12000	11000	24000	38	6600	4868	20000	14751	1527
SD55 SERIES	5000	11000	16500	36400	52	9700	7155	29000	21389	1450/1555/1760/1840/1968
SD70 SERIES	7000	15400	21000	46300	40	14000	10326	42000	30978	1840/1896/1968
SD80 SERIES	8000	17600	24000	53000	38	14000	10326	42000	30978	1896/1968
SD120 SERIES	15000	33100	30000	66100	45	21000	15488	65000	47941	2050/2180
PD40 SERIES	4000	8800	12000	26500	-	5000	3688	15000	11000	1400
PD55 SERIES	5500	12100	16500	36000	0	9700	7155	29000	21389	1520
PD70 SERIES	7000	15400	21000	46000	-	14000	10326	42000	30978	1520
PD80 WIDE TRACK SERIES	12000	26500	32000	70000	-	14000	10326	42000	31000	1890
PD87 SERIES	9000	19800	27000	59525	-	15000	11064	47000	35000	1940

Transmissions

MODEL	NOMINAL RATING		MAXIMUM INPUT SPEED	MAXIMUM TORQUE AT CONVERTER STALL		GEAR RATIOS	FORWARD/REVERSE OPTIONS	DRIVE OPTIONS	PUMP DRIVE	TORQUE LOCK
	Kg	lbs	rpm	Nm	lb/ft					
SS600	64	86	3000	700	516	Up to 6.55:1	4/4	2WD/4WD	No	No
SS700	64	86	3000	740	545	Up to 7.15:1	4/4	2WD/4WD	Yes	No
SS750	74.5	100	3000	750	553	Up to 7.15:1	4/4	2WD/4WD	Yes	No
PS750	81	109	3000	800	590	Up to 7.17:1	4/4	2WD/4WD	No	No
PS760	112	150	3000	1000	738	Up to 8.17:1	6/4 & 4/4	2WD/4WD	Yes	Yes
PS900	129	173	3000	930	686	Up to 8.27:1	8/4, 6/4 & 4/4	2WD/4WD	Yes	Yes