

STROHFELD AGRICULTURAL IMPORTS

YTO Material Handling & Construction Equipment

Specifications Guide

10th February 2010

Contents

YTO Hydraulic Forklift.....	3
CPCD25 & CPYD25	3
CPCD30A1 & CPCD40	4
YTO Wheel Loaders	5
ZL30F & ZL50F	5
Crawler Hydraulic Excavator.....	6
YTO-WY6.....	6

YTO Hydraulic Forklift

CPCD25 & CPYD25

Model		CPCD25	CPYD25
Rated lifting capacity	kg	2500	2500
Load centre distance	mm	500	500
Max. lifting height	mm	3000	3000
Min. turning radius	mm	2240	2240
Max. gradeability with full load	%	20	20
Parking brake gradient with full load	%	15	15
Axle base	mm	1600	1600
Front wheel tread	mm	960	960
Rear wheel tread	mm	970	970
Max. working height	mm	4030	4030
Deadweight	kg	3840	3840
Travelling speed			
Forward speed (with/without load)	km/h	0-18/19	0-18/19
Reverse speed (with/without load)	km/h	0-18/19	0-18/19
Diesel engine			
Model		A490BPG	
Rated power	kW	37	
Rated rotational speed	r/min	2650	
Max. torque corresponding rotational speed	r/min	1480Nm/1800	
Overall dimensions (L x W x H)	mm	3615x1150x2120	3836x1225x2160



CPCD30A1 & CPCD40

Model		CPCD30A1	CPCD40
Rated lifting capacity	kg	3000	4000
Load centre distance	mm	500	500
Max. lifting height	mm	3000	3000
Min. turning radius	mm	2410	2710
Max. gradeability with full load	%	20	20
Parking brake gradient with full load	%	15	15
Axle base	mm	1700	1900
Front wheel tread	mm	1000	1040
Rear wheel tread	mm	980	980
Max. working height	mm	4225	4240
Deadweight	kg	4220	5000
Travelling speed			
Forward speed (with/without load)	km/h	0-18/19	
Reverse speed (with/without load)	km/h	0-18/19	
Diesel engine			
Model		A490BPG	YTR3105
Rated power	kW	37	41
Rated rotational speed	r/min	2650	2400
Max. torque corresponding rotational speed	r/min	1480Nm/1800	188Nm/1600
Overall dimensions (L x W x H)	mm	3836x1225x2160	3500x1150x2120



YTO Wheel Loaders

ZL30F & ZL50F

Model		ZL30F	ZL50F
Bucket capacity	m ³	1.7	3
Rated Load	kg	3000	5000
Movable arm lifting time	s	=5.5	5.7
Three-item-sum time	s	=10.5	10.6
Max. digging force	kN	92	165
Gradeability		28°	28°
Min. turning radius (external wheel centre)	mm	5175	6770
Total weight	kg	10200	16500
Diesel engine			
Model		LR6108GF1A	WD615G220/C6121/ZG50
Rated power	kW	92	162
Fuel tank capacity	L	140	280
Hydraulic oil tank capacity	L	160	210
Fuel consumption specific	g/kW.h	=232	
Travelling speed			
Speed of forward gears	km/h	7.7-40	
Speed of forward gear	km/h		0 - 11.5
Speed of forward gear II	km/h		0 - 38
Speed for reverse gears	km/h	9.5-33	0-16
Overall dimensions (L x W x H)	mm	7500x2350x3080	7935x2975x3450
Dumping height	mm	3135	3200
Dumping distance	mm		1180



Crawler Hydraulic Excavator

YTO-WY6

Model	YTO-WY6	
Diesel Engine		
Model	Cummins B 3.3	
Type	in-line, 4 cylinder, direct injection	
Rated power/Rate rotational speed	kW/(r/min)	40/220
Bore x stroke	mm	95x115
Displacement	L	3.3
Weight		
Operating weight	kg	6000
Counter weight-including bolts & spacers	kg	245
Service refill capacity		
Fuel tank capacity	L	110
Cooling system	L	12
Hydraulic tank	L	90
Hydraulic system		
Main implement system - Max. flow	L/min	155
Max. pressure - implements (full time)	MPa	22
Max. pressure - travel	MPa	22
Max. pressure - swing	MPa	19
Pilot system - Max. flow	L/min	10
Pilot system - Max. pressure	MPa	3
Dimensions		
Overall Dimensions LxWxH	mm	5945x1920x2600
Track gauge	mm	1520
Wheelbase	mm	1990
Ground clearance	mm	325
Tail swing radius	mm	1548
Drive		
Max. travel speed	km/h	0-2.52/0-4.81
Swing speed	r/min	0-10.7
Max. drawbar pull	kN	50
Max gradeability		30°
Track shoe pressure	kpa	31.7
Working ranges		
Bucket Max. digging force	kN	40
Boom Max. digging force	kN	25
Max. digging radia	mm	6100
Max. digging depth	mm	3890
Max. digging height	mm	5330
Max. loading height	mm	3630
Bucket specifications		
Capacity	m ³	0.18
Width	mm	705
Teeth Qty.		4

