

320 Hydraulic Excavator

Technical Specifications

Configurations and features may vary by region. Please consult your Cat" dealer for availability in your area.

Specifications	
Engine	Major Component Weights
Swing Mechanism	Dimensions
Weights	Working Ranges
Track 2	Reach Boom Lift Capacities - Counterweight: 4.2 mt (9,300 lb)
Drive	HD Reach Boom Lift Capacities - Counterweight: 4.7 mt (10,400 lb)
Hydraulic System 2 Service Refill Capacities 2	Super Long Reach Boom Lift Capacities - Counterweight: 4.7 mt (10,400 lb)
Standards 2	Bucket Specifications and Compatibility
Sound Performance 2	Attachments Offering Guide
Operating Weight and Ground Pressure	Thumb Specifications



Cat 320 Excavator Operating Manual 2013

Caterpillar Inc.Peoria, Ill..

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Sustainability in Engineering Design and Construction J. K. Yates, Daniel Castro-Lacouture, 2018-09-03 Successfully Measure the Benefits of Green Design and Construction Sustainability in Engineering Design and Construction outlines the sustainable practices used in engineering design and construction operations for all types of engineering and construction projects Aimed at ushering the engineering and construction industry into embracing sustainable practices and green construction techniques this book addresses sustainability in engineering design and construction operations from a historical and global perspective and delves into specific sustainability concepts and processes The book explains the concepts of sustainable development corporate social responsibility CSR the Dow Jones Global Sustainability Index DJGSI key performance indicators KPIs corporate sustainability and the triple bottom line economic environmental and social values in design and construction Relevant to sustainability in every facet of engineering and construction it also covers life cycle environmental cost analysis discusses sustainable engineering and site selection the economic considerations evaluated when making sustainability decisions and explains how to measure and quantify sustainable performance and apply these practices in the real world It also covers project and corporate level sustainability practices sustainable construction materials and processes sustainable heavy construction equipment traditional and alternative energy sources provides implementation resources for starting and evaluating sustainability programs and includes a checklist for measuring the sustainability of construction operations The text contains detailed information on sustainable construction materials and processes heavy construction equipment and traditional and alternative energy sources It presents information on sustainable designs selecting sustainable sites designing for passive survivability designing for disassembly and the ISO 14 000 standards It provides implementation resources for starting and evaluating sustainability programs and a checklist for measuring the sustainability of construction operations In addition it provides definitions of sustainability terms and expressions as well as case studies examples discussion questions and a list of supplemental references at the end of each chapter This book provides information on Definitions for sustainability terms Sources for locating global sustainability requirements Current sustainability issues Environmental laws related to sustainability and their implications Sustainable design Life cycle cost assessment models Sustainable practices currently being used in the engineering and construction E C industry Corporate level sustainability practices Project level sustainability practices Global sustainability trends and implications Sustainable materials Sustainable heavy construction equipment Traditional and alternative energy sources LEED Green Building Rating System Sustainability organizations and certification programs Sustainability implementation resources A summary of sustainable engineering design and construction **Construction Planning, Programming and Control** Brian Cooke, Peter Williams, 2013-02-05 This book offers a clear explanation of the principles and practice of construction planning programming and control during the preparation and construction stages of a project The book is written in the context of

current procurement and contractual arrangements and JCT2005 NEC3 and ICE7 contracts are covered The statutory framework within which construction projects must be managed is explained and the topic of construction hazard and risk is covered in detail A variety of programming techniques are explained and the development of safe construction sequences and methods is particularly emphasised The control of time money and resources are considered in a risk management context and a complete chapter is devoted to cash flow The third edition has been extensively updated and extended to include new materials on Hazard identification Risk assessment Health and safety management CDM 2007 Construction sequences and method statements Delay analysis Waste management and Site Waste Management Plans The final three chapters are devoted to individual case studies which have been selected to illustrate the practical application of the principles explained in the book and to provide examples of current procedures adopted by major contractors. The content is designed to provide a clear and comprehensive text for undergraduates on construction management surveying and civil engineering degree courses Current Approaches and New Perspectives in Aegean Iconography Fritz Blakolmer, 2020-06-25 The aim of this volume is to present an overview of current trends and individual methodological attempts towards arriving at an adequate understanding of Minoan Cycladic and Mycenaean iconography Building a Better Partnership United States. Congress. House. Committee on Oversight and Government Reform. Subcommittee on Government Operations, 2013 Excavating Engineer ,1938 The Science of Everything ,2013 This book explains the science behind all the machines gadgets systems and processes we take for granted The perfect book for techies young or old The Excavating male or female who read Popular Science and Wired or watch How It Works and How It s Made Operation & Maintenance Manual Caterpillar Inc. Peoria, Ill., 1992 Engineer .1938 **Operation & Maintenance** Manual Caterpillar Inc,1992 Operation & Maintenance Manual Caterpillar Inc, 1994 Union Agriculturist and Operation & Maintenance Manual Caterpillar Inc. Peoria, Ill..,1992 Western Prairie Farmer ,1987 **Operation &** Maintenance Manual Caterpillar Inc, 1996 Operation & Maintenance Manual Caterpillar Inc.Peoria, Ill..,1998 Operation & Maintenance Manual Caterpillar Inc.Peoria, Ill..,1997 **Operation & Maintenance Manual Caterpillar** Operation & Inc.Peoria, Ill..,1998 Operation & Maintenance Manual Caterpillar Inc.Peoria, Ill.,,1994 Maintenance Manual Caterpillar Inc.Peoria, Ill..,1994 Service Manual Caterpillar Inc.Peoria, Ill..,1997 Operation & Maintenance Manual Caterpillar Inc, 1990

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